

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087552.D
 Acq On : 14 Aug 2025 09:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 15:23:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	271352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	543098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	500619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	255173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	247424	53.738	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.480%			
35) Dibromofluoromethane	8.153	113	168221	44.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.800%			
50) Toluene-d8	10.547	98	611058	45.726	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.460%			
62) 4-Bromofluorobenzene	12.829	95	235280	47.655	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	160120	55.557	ug/l	96
3) Chloromethane	2.383	50	169400	46.740	ug/l	99
4) Vinyl Chloride	2.542	62	183878	51.052	ug/l	96
5) Bromomethane	2.965	94	102629	55.023	ug/l	98
6) Chloroethane	3.130	64	126750	53.961	ug/l	97
7) Trichlorofluoromethane	3.506	101	267426	50.212	ug/l	97
8) Diethyl Ether	3.965	74	117073	56.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	145784	53.322	ug/l	96
10) Methyl Iodide	4.577	142	103333	38.232	ug/l #	89
11) Tert butyl alcohol	5.536	59	241449	276.178	ug/l	100
12) 1,1-Dichloroethene	4.336	96	152389	49.187	ug/l	99
13) Acrolein	4.177	56	160450	228.690	ug/l	99
14) Allyl chloride	5.012	41	286033	51.014	ug/l	90
15) Acrylonitrile	5.712	53	598909	252.452	ug/l	98
16) Acetone	4.424	43	657966	304.782	ug/l	97
17) Carbon Disulfide	4.700	76	405663	44.164	ug/l	98
18) Methyl Acetate	5.018	43	317943	58.620	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	659220	57.727	ug/l	95
20) Methylene Chloride	5.259	84	192849	52.881	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	170971	48.942	ug/l	88
22) Diisopropyl ether	6.659	45	674122	57.318	ug/l	95
23) Vinyl Acetate	6.589	43	3071299	298.585	ug/l	100
24) 1,1-Dichloroethane	6.553	63	347405	51.200	ug/l	98
25) 2-Butanone	7.471	43	892036	267.432	ug/l	97
26) 2,2-Dichloropropane	7.471	77	298522	56.588	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	212209	52.764	ug/l	95
28) Bromochloromethane	7.794	49	184324	56.761	ug/l	92
29) Tetrahydrofuran	7.824	42	572583	264.243	ug/l	100
30) Chloroform	7.947	83	372180	54.800	ug/l	98
31) Cyclohexane	8.235	56	278777	49.251	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	309142	52.554	ug/l	98
36) 1,1-Dichloropropene	8.353	75	237939	48.073	ug/l	97
37) Ethyl Acetate	7.547	43	340534	47.639	ug/l	98
38) Carbon Tetrachloride	8.347	117	246721	45.251	ug/l	97
39) Methylcyclohexane	9.582	83	254444	47.484	ug/l	96
40) Benzene	8.588	78	762513	47.666	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	178825	47.844	ug/l	96
42) 1,2-Dichloroethane	8.653	62	311061	51.277	ug/l	97
43) Isopropyl Acetate	8.671	43	575331	51.848	ug/l	98
44) Trichloroethene	9.335	130	165523	43.791	ug/l	95
45) 1,2-Dichloropropane	9.606	63	200161	49.245	ug/l	92
46) Dibromomethane	9.694	93	147474	48.459	ug/l	96
47) Bromodichloromethane	9.871	83	298595	48.711	ug/l	100
48) Methyl methacrylate	9.665	41	263753	52.798	ug/l	93
49) 1,4-Dioxane	9.682	88	77554	1013.618	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	1771617	252.428	ug/l	98
52) Toluene	10.612	92	472630	48.609	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	316497	51.017	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	326996	51.028	ug/l #	86
55) 1,1,2-Trichloroethane	11.000	97	190088	48.289	ug/l	95
56) Ethyl methacrylate	10.859	69	331191	50.043	ug/l #	92
57) 1,3-Dichloropropane	11.147	76	336112	49.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	934209	289.306	ug/l	99
59) 2-Hexanone	11.176	43	1221722	262.377	ug/l	98
60) Dibromochloromethane	11.341	129	217527	48.455	ug/l	100
61) 1,2-Dibromoethane	11.453	107	202290	48.875	ug/l	97
64) Tetrachloroethene	11.082	164	130358	40.459	ug/l	93
65) Chlorobenzene	11.871	112	508857	45.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	183045	47.896	ug/l	99
67) Ethyl Benzene	11.947	91	914813	49.442	ug/l	100
68) m/p-Xylenes	12.053	106	683841	98.699	ug/l	95
69) o-Xylene	12.376	106	337782	51.038	ug/l	95
70) Styrene	12.394	104	583897	52.445	ug/l	97
71) Bromoform	12.559	173	143351	46.429	ug/l #	99
73) Isopropylbenzene	12.676	105	854755	53.222	ug/l	98
74) N-amyl acetate	12.500	43	259021	38.819	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.918	83	304854	50.447	ug/l	100
76) 1,2,3-Trichloropropane	12.976	75	257264m	44.960	ug/l	
77) Bromobenzene	12.959	156	203849	48.942	ug/l	93
78) n-propylbenzene	13.012	91	1079956	53.447	ug/l	97
79) 2-Chlorotoluene	13.106	91	652303	52.528	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	735691	53.765	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	101369	48.472	ug/l	95
82) 4-Chlorotoluene	13.200	91	684119	52.913	ug/l	96
83) tert-Butylbenzene	13.417	119	613860	53.713	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	762982	54.601	ug/l	95
85) sec-Butylbenzene	13.594	105	915066	53.157	ug/l	98
86) p-Isopropyltoluene	13.706	119	762503	55.271	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	399195	48.835	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	400669	45.893	ug/l	97
89) n-Butylbenzene	14.035	91	736497	55.909	ug/l	98
90) Hexachloroethane	14.312	117	139358	47.677	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	381913	49.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	70382	44.360	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	226838	49.866	ug/l	98
94) Hexachlorobutadiene	15.476	225	82198	48.630	ug/l	99
95) Naphthalene	15.617	128	838952	52.059	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	220386	48.298	ug/l	97

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QLast Update : Thu Jul 17 02:56:13 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

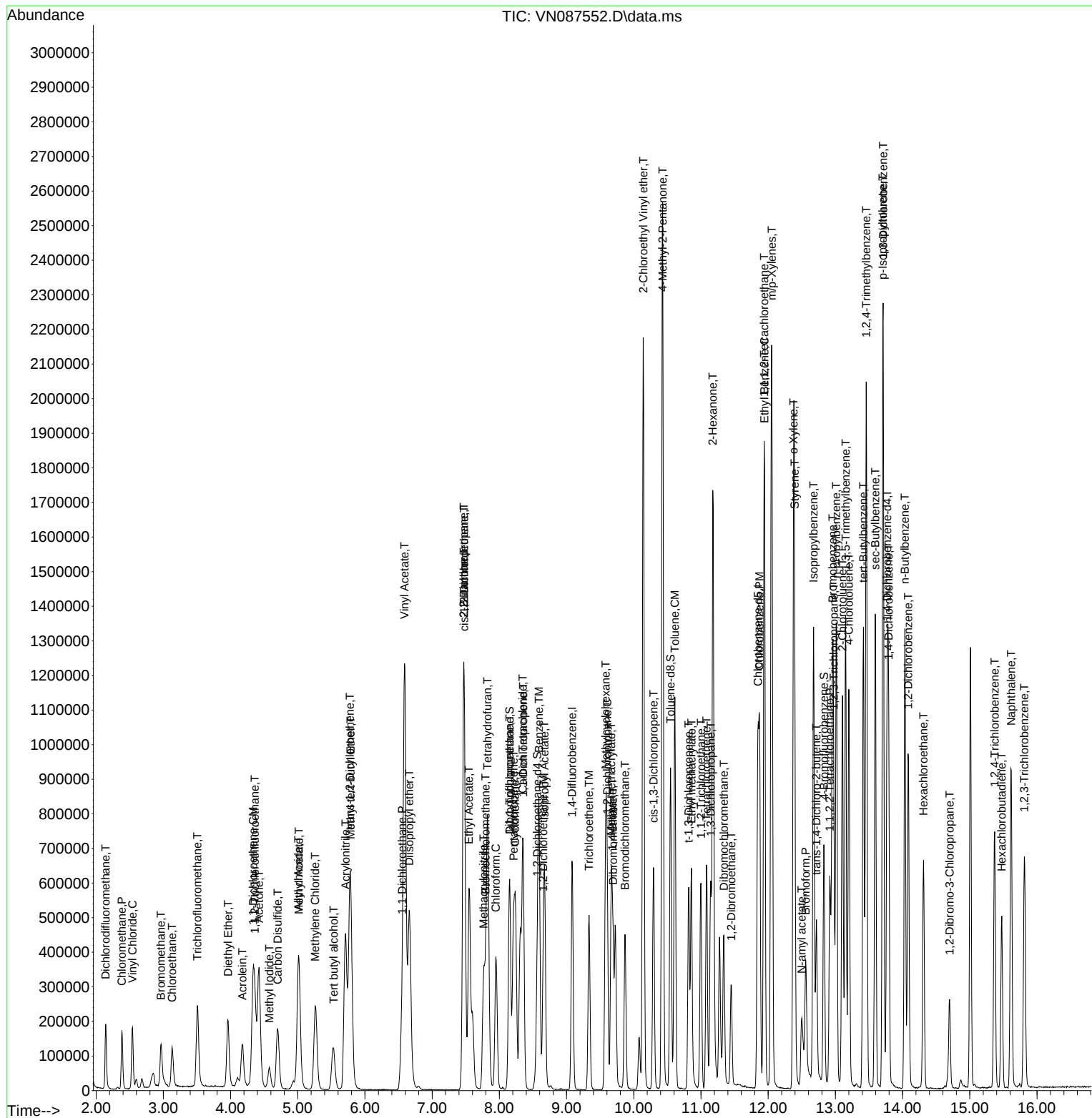
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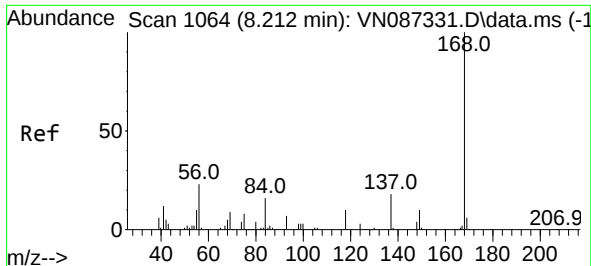
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Manual Integrations APPROVED

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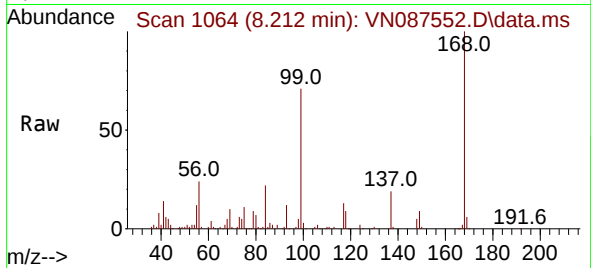
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087552.D
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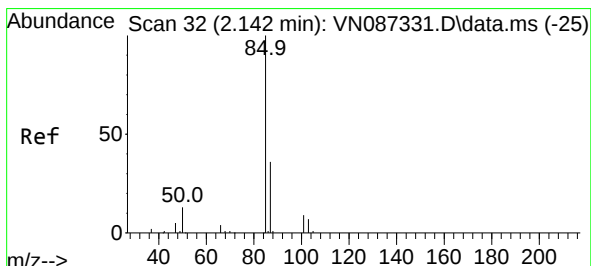
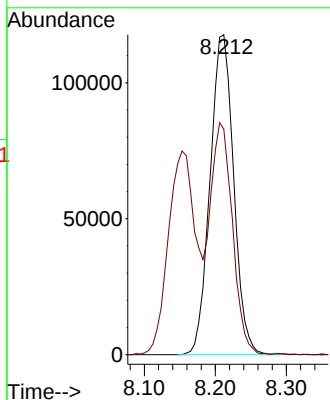
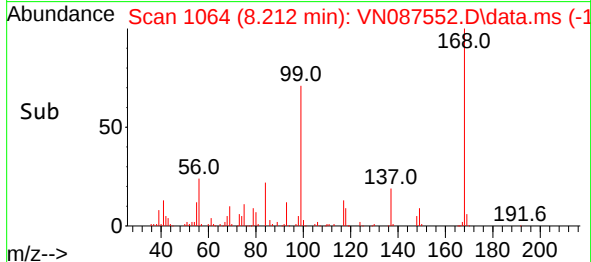
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VSTDCCC050



Tgt Ion:168 Resp: 271352
Ion Ratio Lower Upper
168 100
99 70.1 47.9 71.9

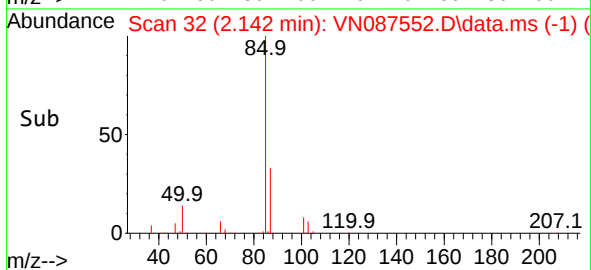
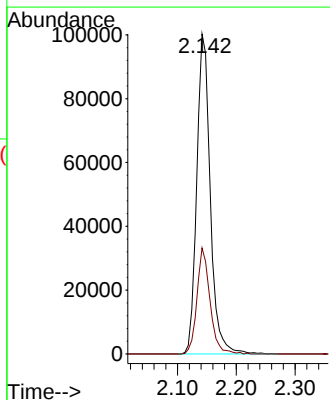
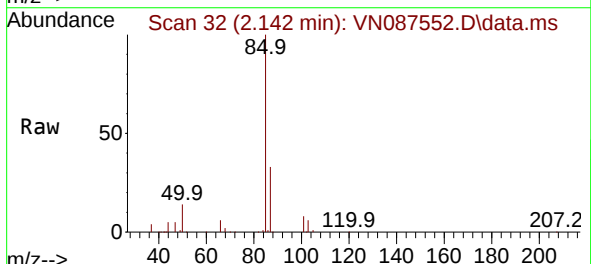
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APPROVED

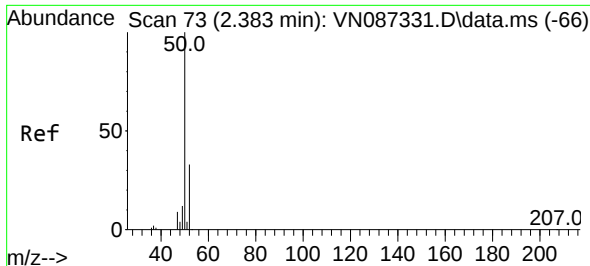
Reviewed By :John Carlone 08/14/2025
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#2
Dichlorodifluoromethane
Concen: 55.557 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

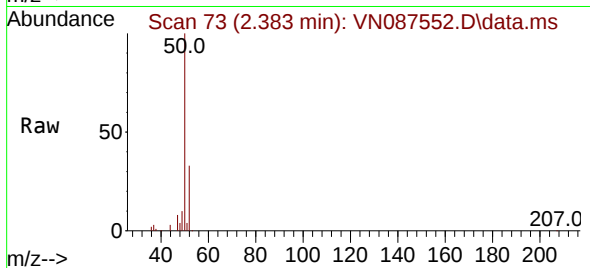
Tgt Ion: 85 Resp: 160120
Ion Ratio Lower Upper
85 100
87 33.2 17.8 53.3





#3
Chloromethane
Concen: 46.740 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

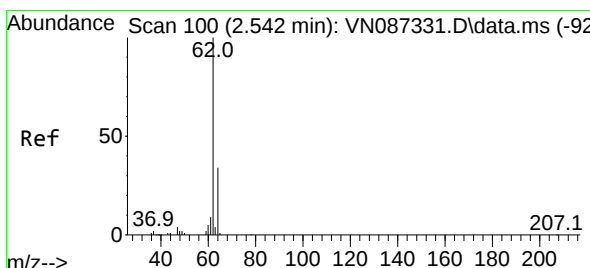
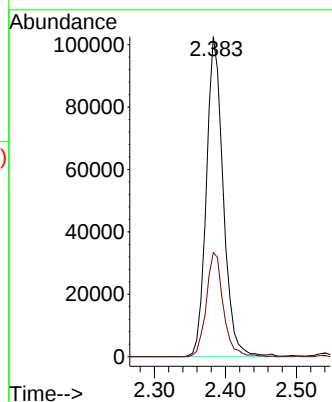
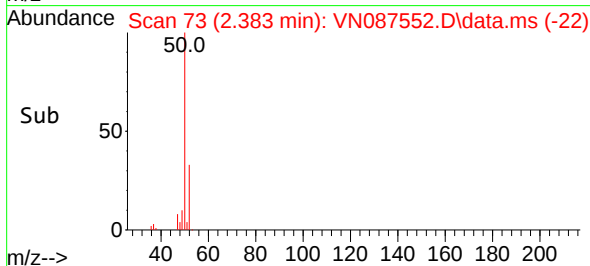
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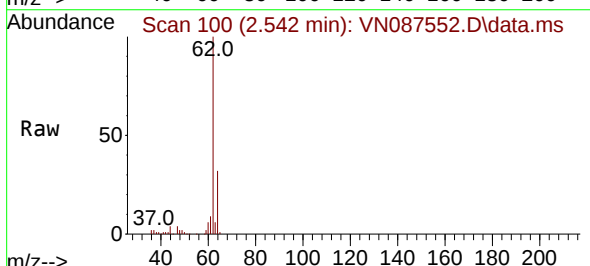
Tgt Ion: 50 Resp: 169400
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5

Manual Integrations
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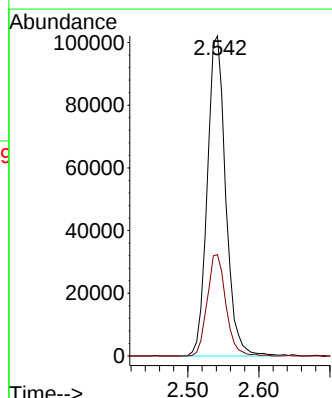
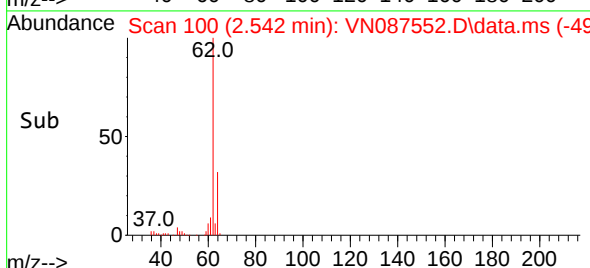
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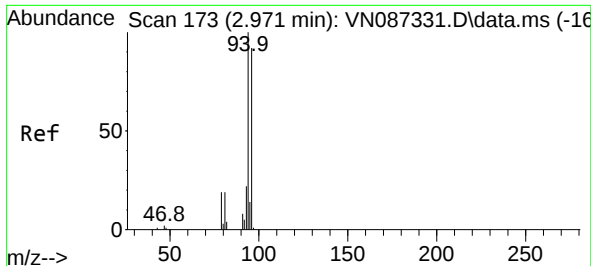


#4
Vinyl Chloride
Concen: 51.052 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



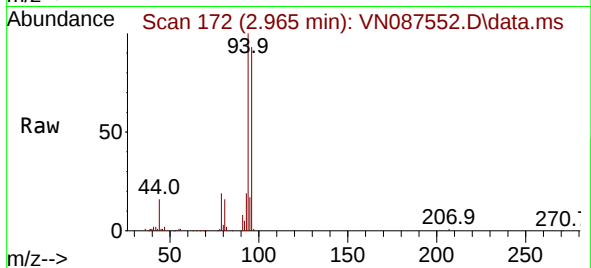
Tgt Ion: 62 Resp: 183878
Ion Ratio Lower Upper
62 100
64 31.6 27.0 40.6





#5
Bromomethane
Concen: 55.023 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

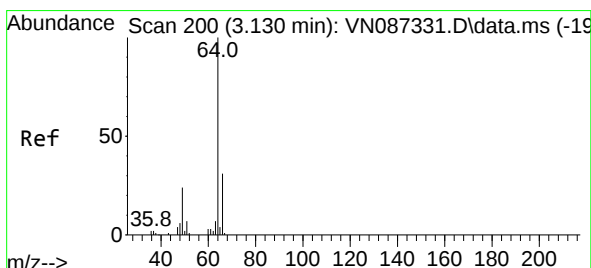
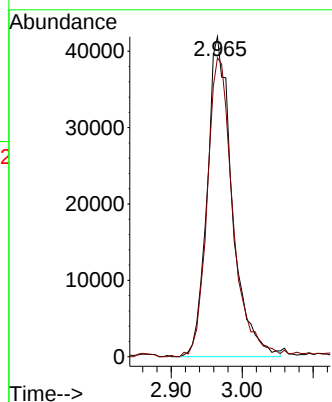
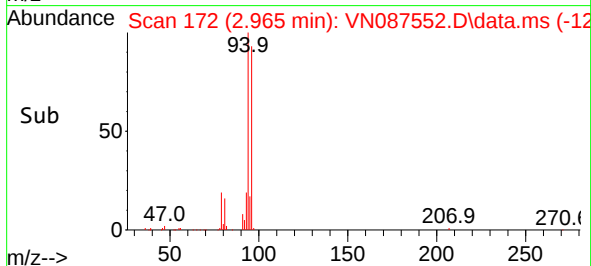
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Tgt Ion: 94 Resp: 102629
Ion Ratio Lower Upper
94 100
96 93.4 73.4 110.2

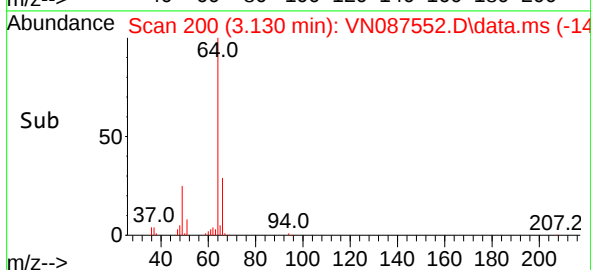
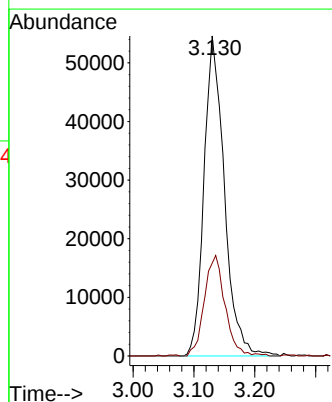
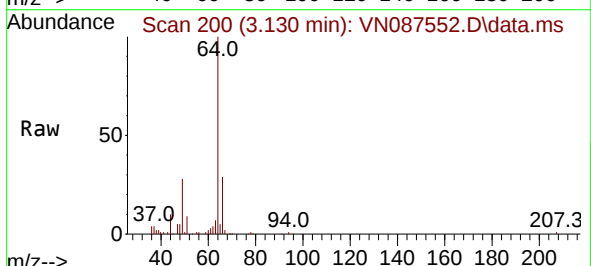
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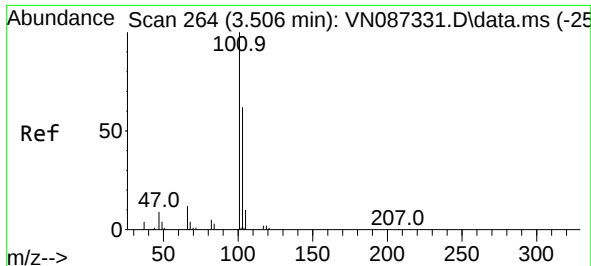
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 53.961 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 64 Resp: 126750
Ion Ratio Lower Upper
64 100
66 29.0 24.6 36.8





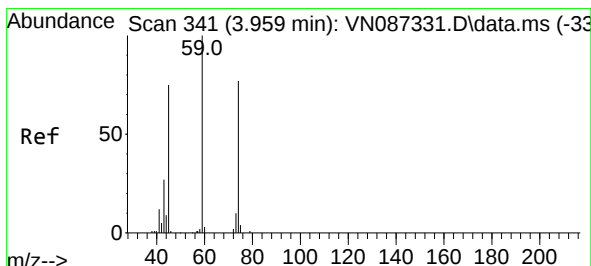
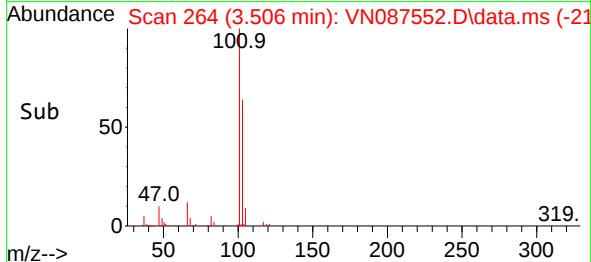
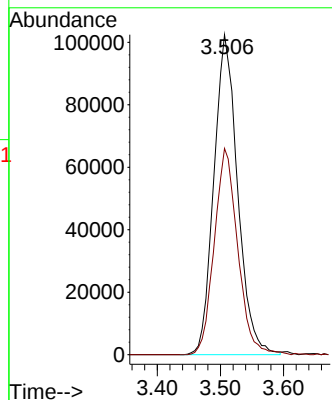
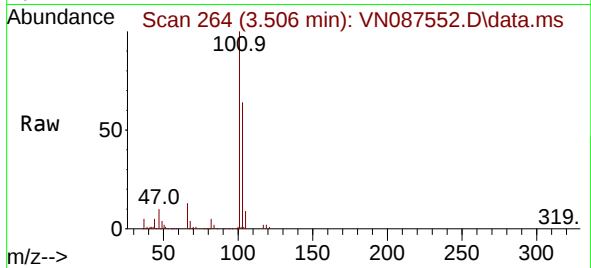
#7
 Trichlorofluoromethane
 Concen: 50.212 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

Instrument :
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Tgt Ion:101 Resp: 267420
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.8 74.6

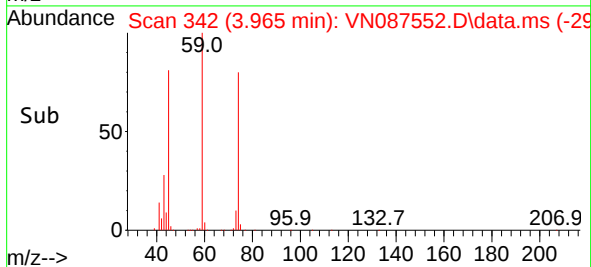
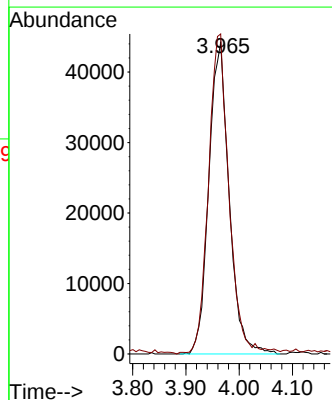
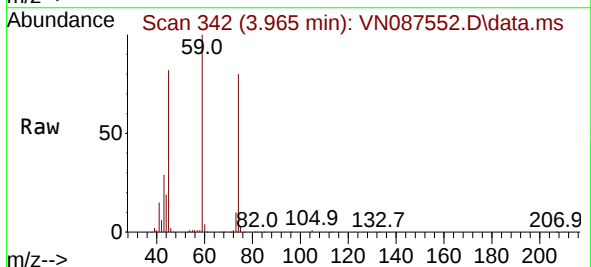
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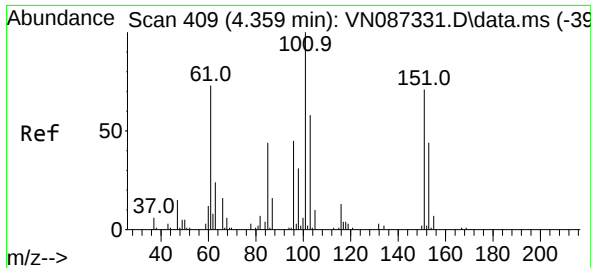
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#8
 Diethyl Ether
 Concen: 56.667 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

Tgt Ion: 74 Resp: 117073
 Ion Ratio Lower Upper
 74 100
 45 103.9 50.8 152.5





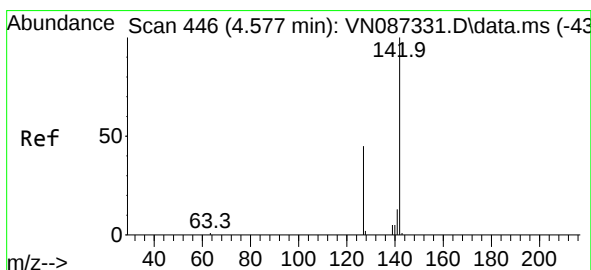
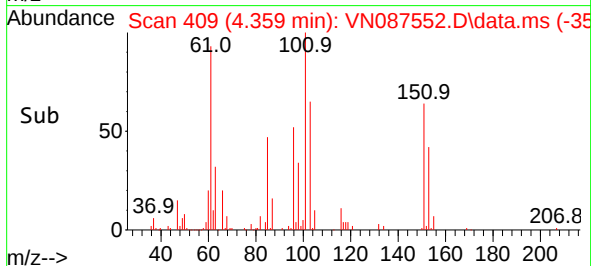
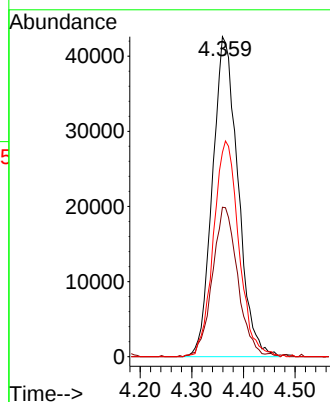
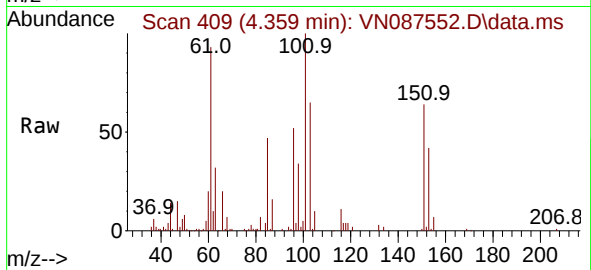
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.322 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 145784
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 67.5 58.9 88.3

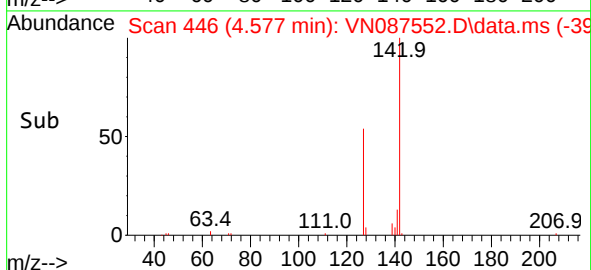
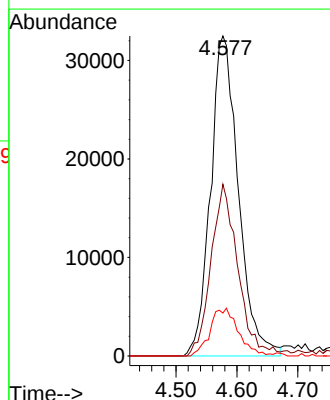
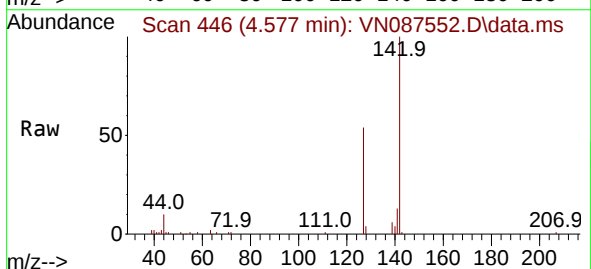
Manual Integrations
APPROVED

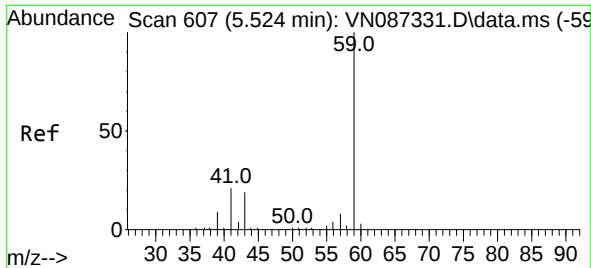
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 38.232 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

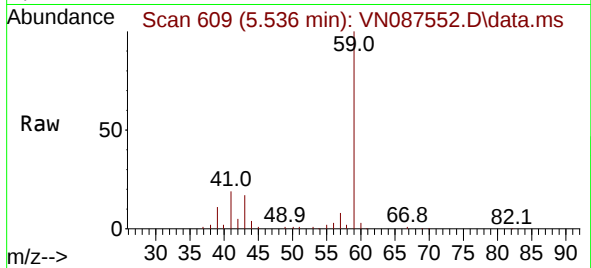
Tgt Ion:142 Resp: 103333
Ion Ratio Lower Upper
142 100
127 53.7 35.7 53.5#
141 13.4 10.4 15.6





#11
Tert butyl alcohol
Concen: 276.178 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

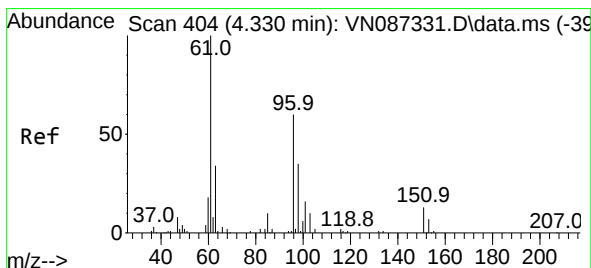
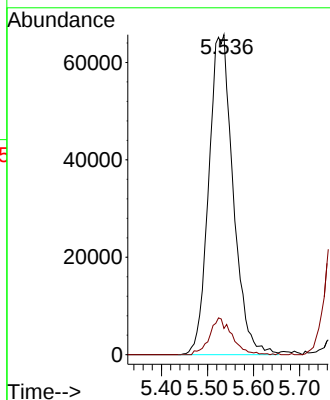
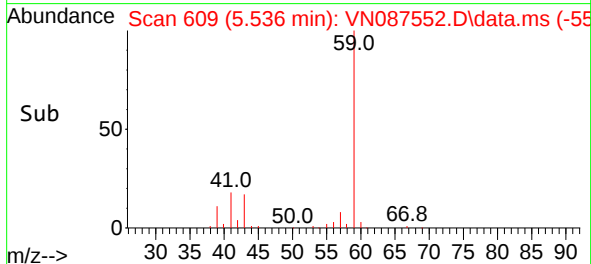
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



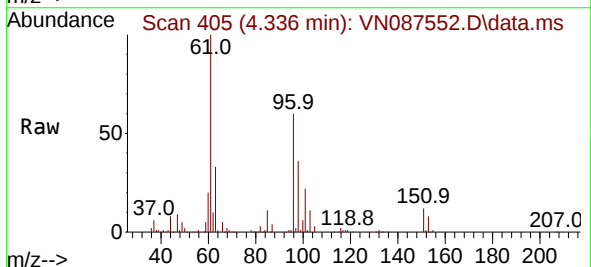
Tgt Ion: 59 Resp: 241449
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

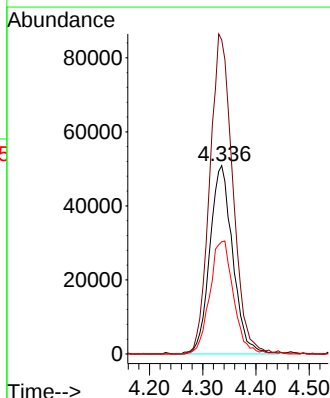
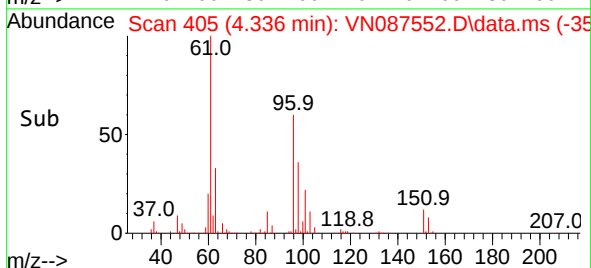
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

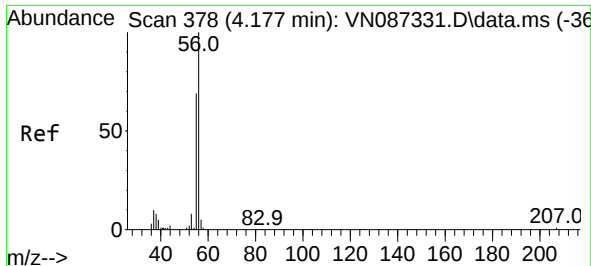


#12
1,1-Dichloroethene
Concen: 49.187 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



Tgt Ion: 96 Resp: 152389
Ion Ratio Lower Upper
96 100
61 166.8 132.3 198.5
98 59.3 46.8 70.2





#13

Acrolein

Concen: 228.690 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087552.D

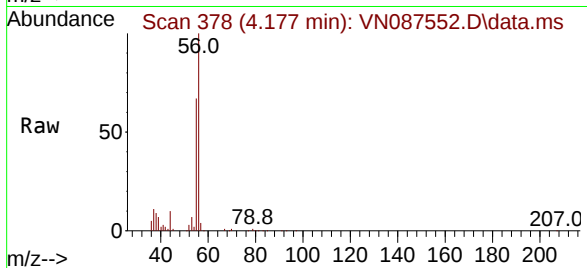
Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 160450

Ion Ratio Lower Upper

56 100

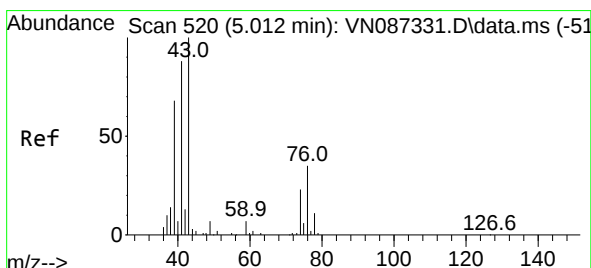
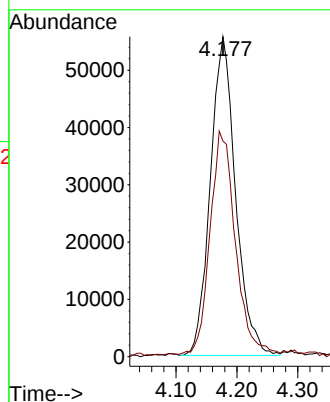
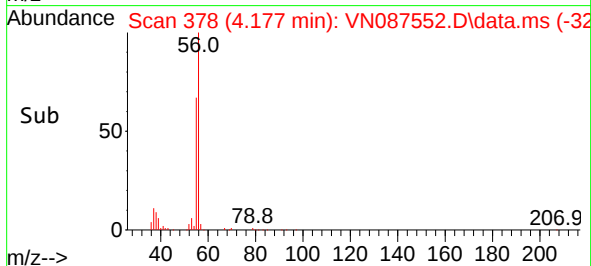
55 69.7 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#14

Allyl chloride

Concen: 51.014 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

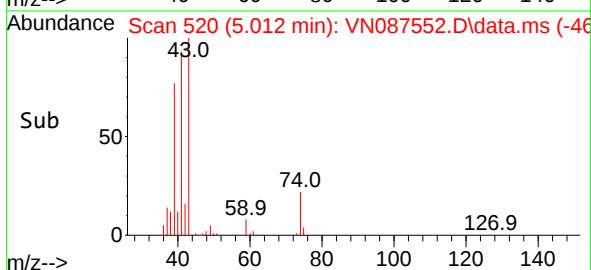
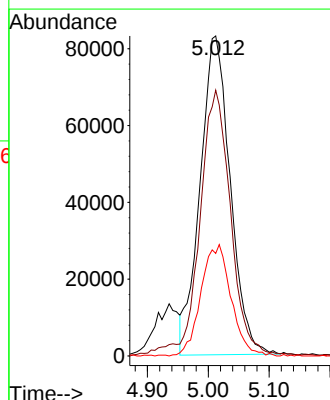
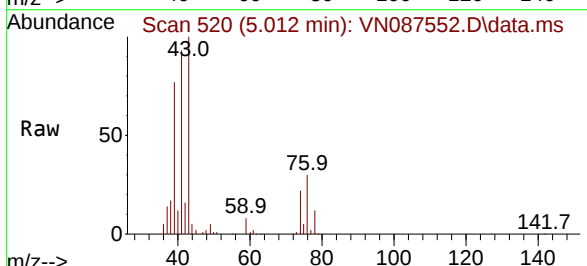
Tgt Ion: 41 Resp: 286033

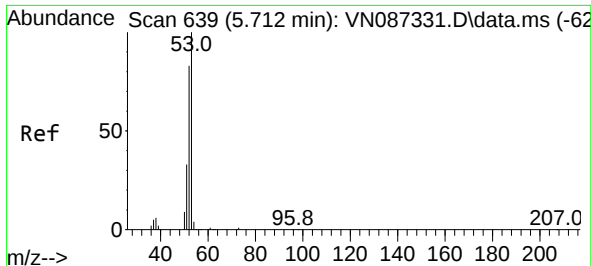
Ion Ratio Lower Upper

41 100

39 85.7 59.0 88.6

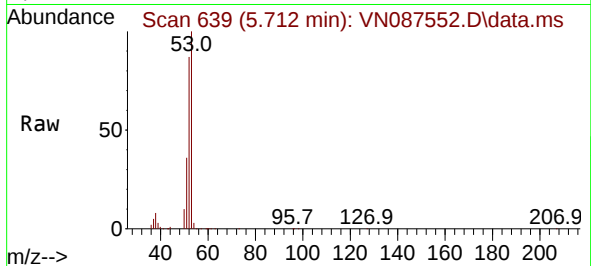
76 34.9 28.7 43.1





#15
Acrylonitrile
Concen: 252.452 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

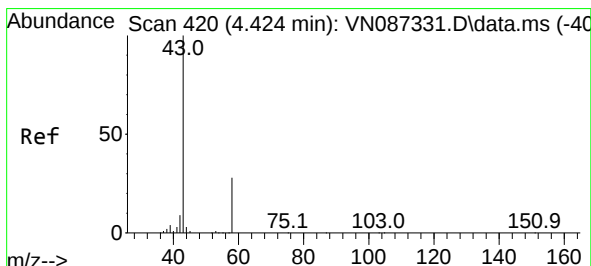
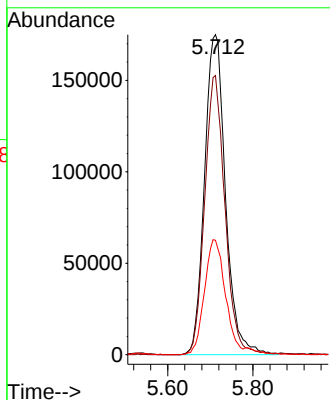
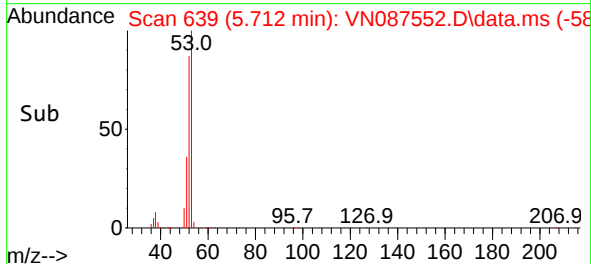
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 598909
Ion Ratio Lower Upper
53 100
52 84.2 65.5 98.3
51 35.6 28.7 43.1

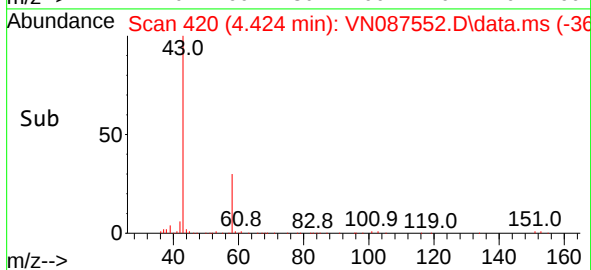
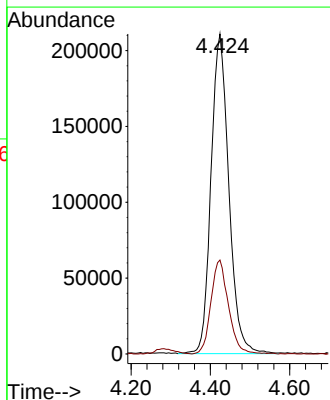
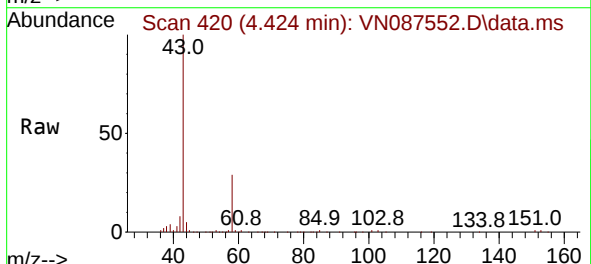
Manual Integrations
APPROVED

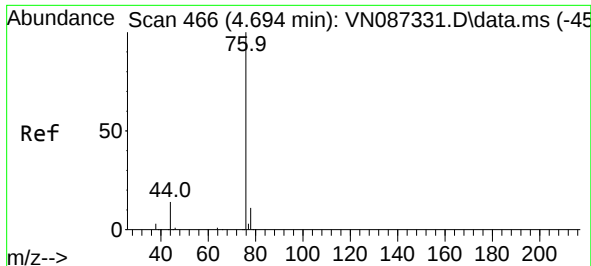
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 304.782 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 43 Resp: 657966
Ion Ratio Lower Upper
43 100
58 29.4 22.3 33.5





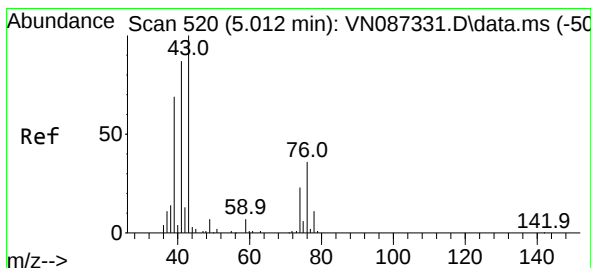
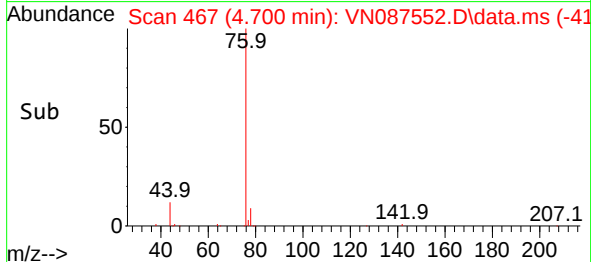
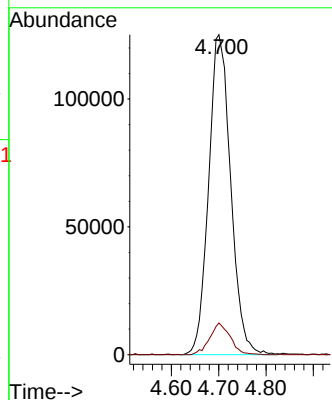
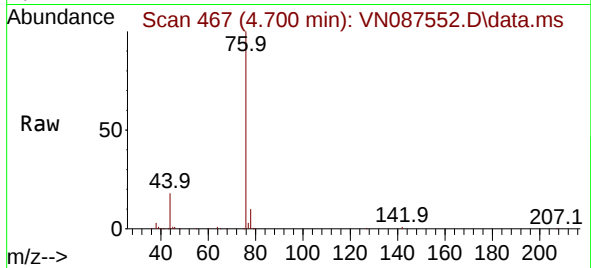
#17
Carbon Disulfide
Concen: 44.164 ug/l
RT: 4.700 min Scan# 40566
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 40566
Ion Ratio Lower Upper
76 100
78 9.9 8.6 13.0

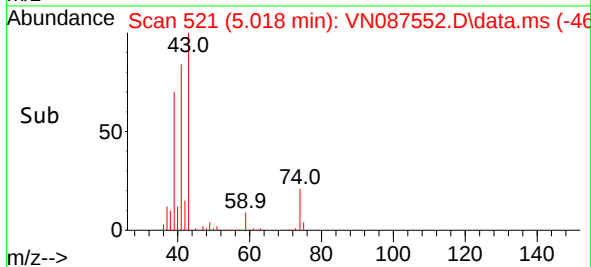
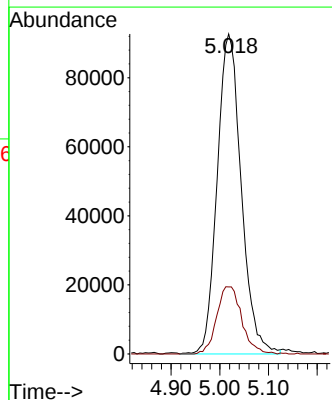
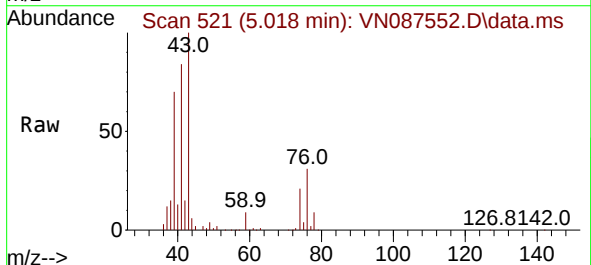
Manual Integrations
APPROVED

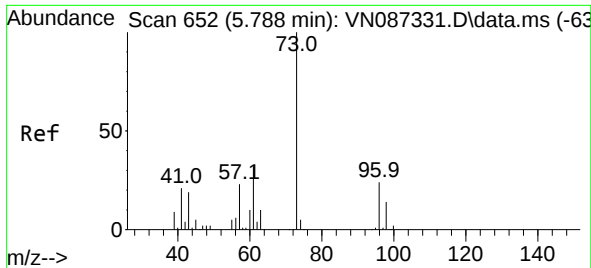
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 58.620 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 43 Resp: 317943
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





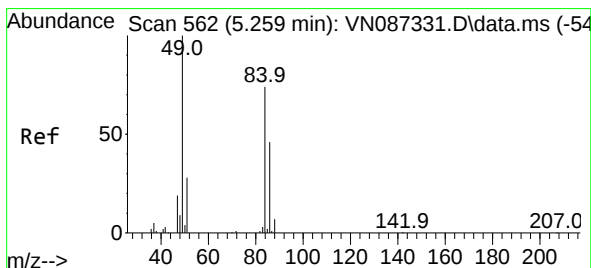
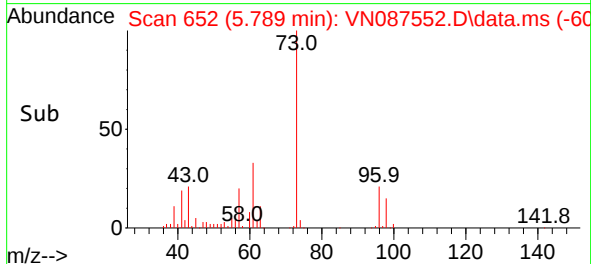
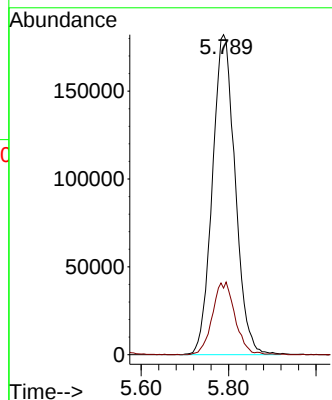
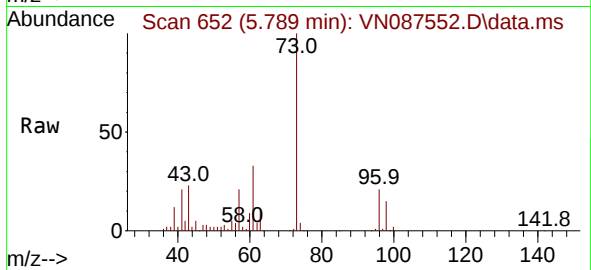
#19
Methyl tert-butyl Ether
Concen: 57.727 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 659220
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8

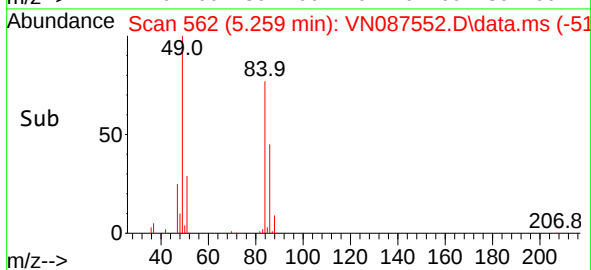
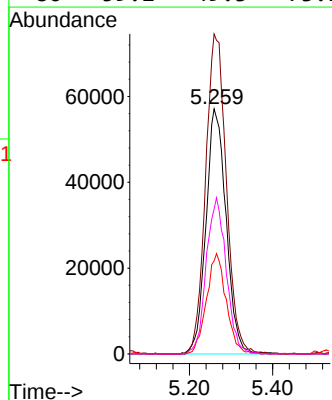
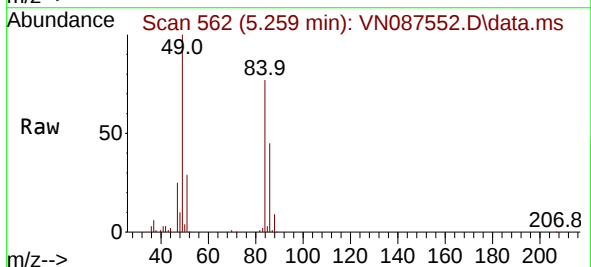
Manual Integrations
APPROVED

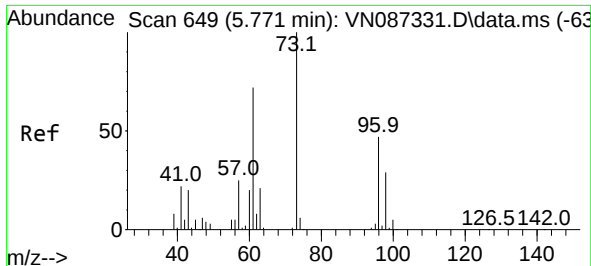
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 52.881 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 84 Resp: 192849
Ion Ratio Lower Upper
84 100
49 130.5 107.5 161.3
51 38.0 30.2 45.2
86 59.2 49.3 73.9





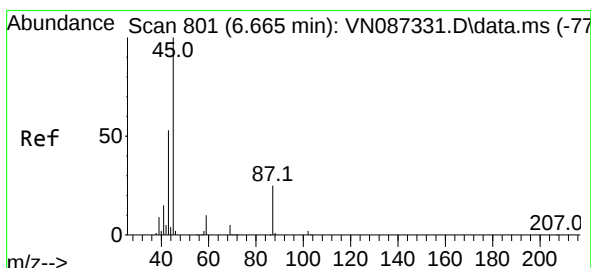
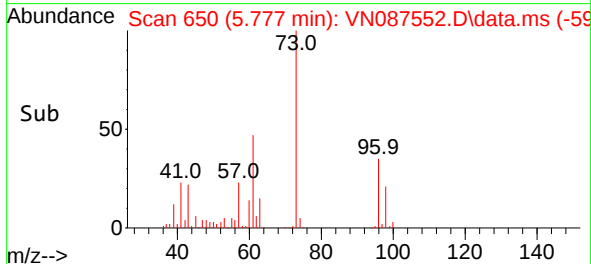
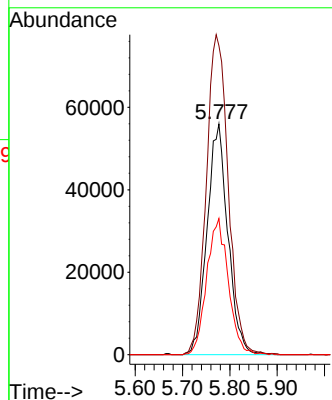
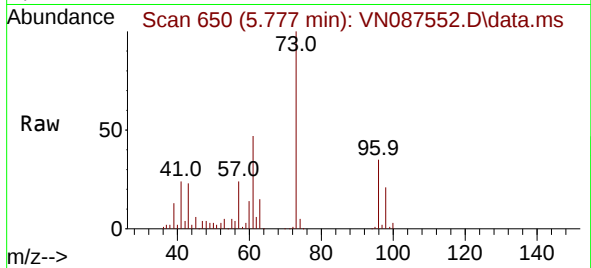
#21
trans-1,2-Dichloroethene
Concen: 48.942 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 17097
Ion Ratio Lower Upper
96 100
61 133.9 122.0 183.0
98 59.0 50.0 75.0

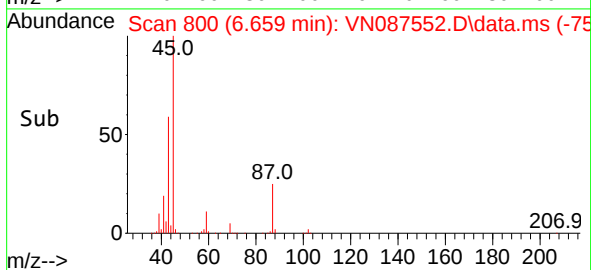
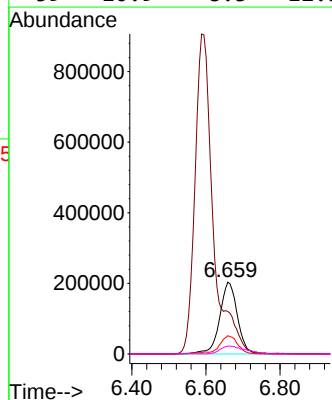
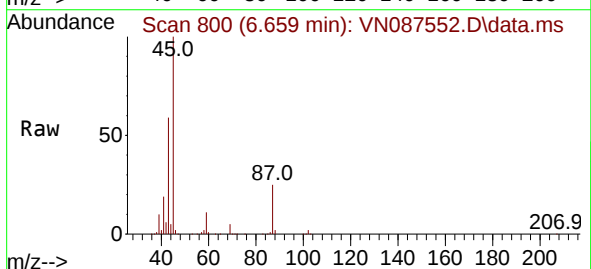
Manual Integrations
APPROVED

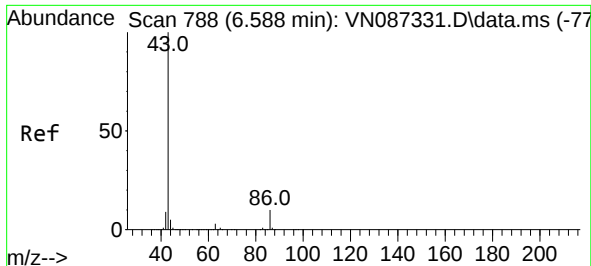
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 57.318 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

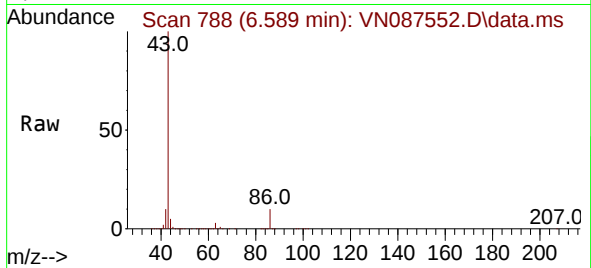
Tgt Ion: 45 Resp: 674122
Ion Ratio Lower Upper
45 100
43 58.4 42.8 64.2
87 25.3 19.8 29.6
59 10.9 8.3 12.5





#23
 Vinyl Acetate
 Concen: 298.585 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

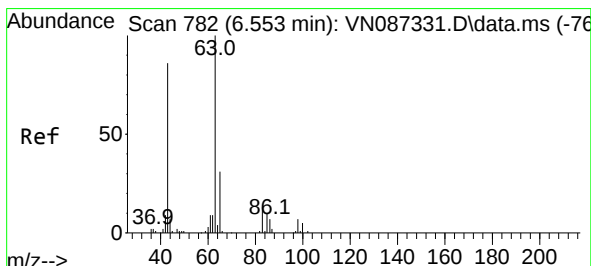
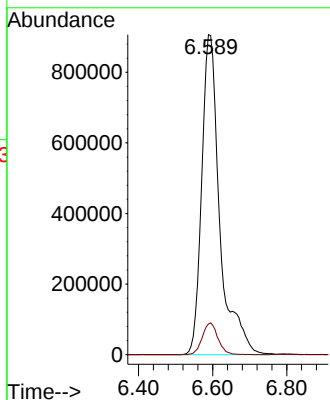
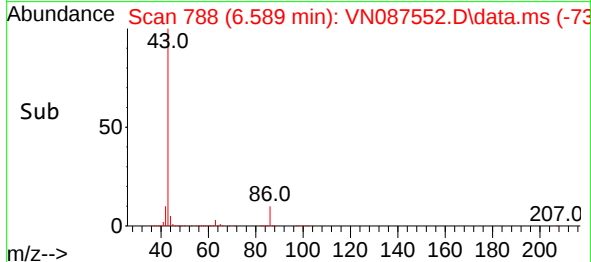
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



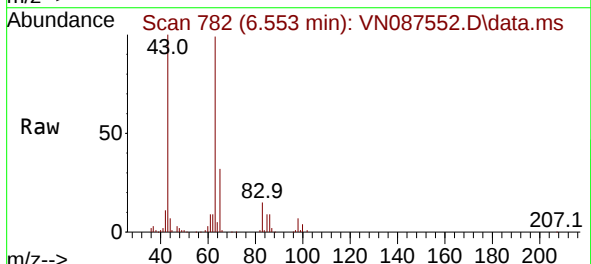
Tgt Ion: 43 Resp: 307129
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5

Manual Integrations
 APPROVED

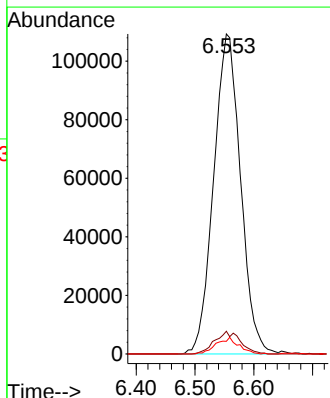
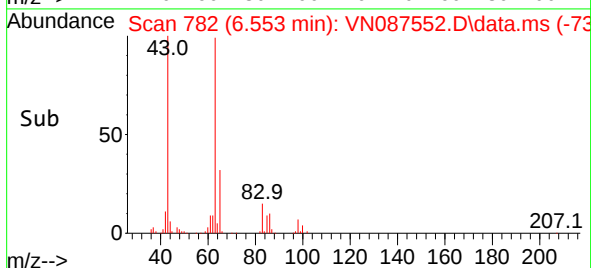
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/19/2025

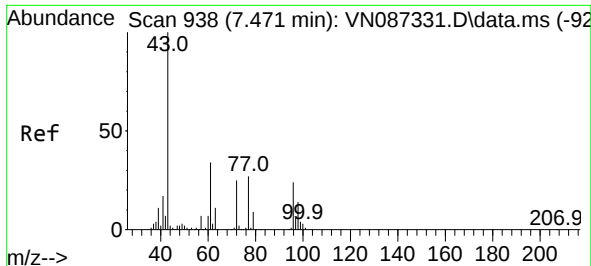


#24
 1,1-Dichloroethane
 Concen: 51.200 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34



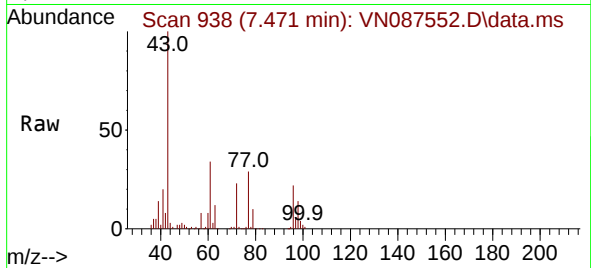
Tgt Ion: 63 Resp: 347405
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 267.432 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

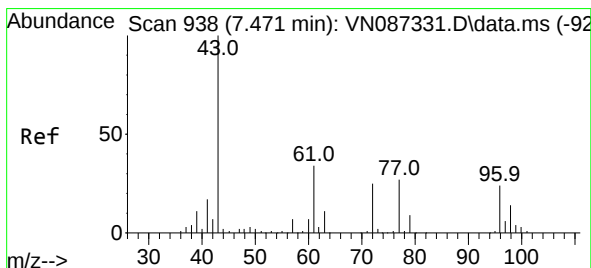
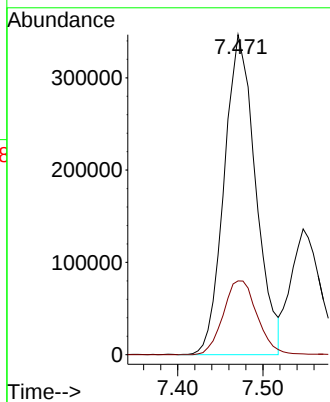
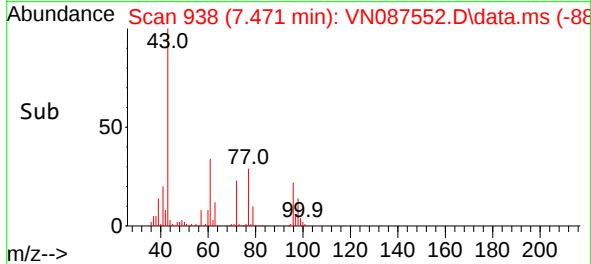
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



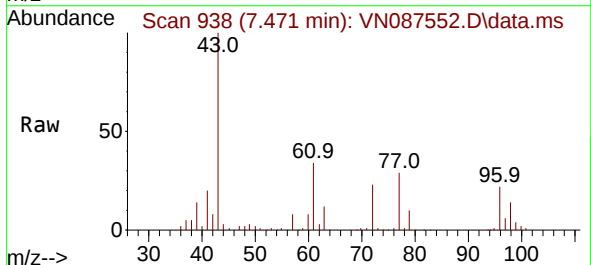
Tgt Ion: 43 Resp: 892030
Ion Ratio Lower Upper
43 100
72 23.0 19.6 29.4

Manual Integrations
APPROVED

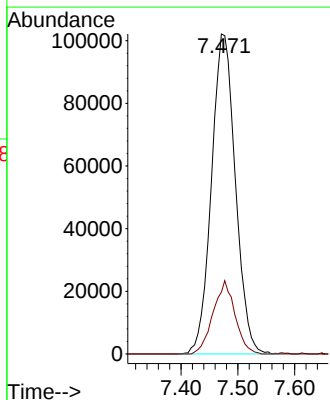
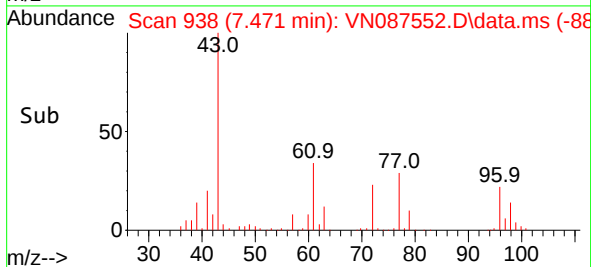
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

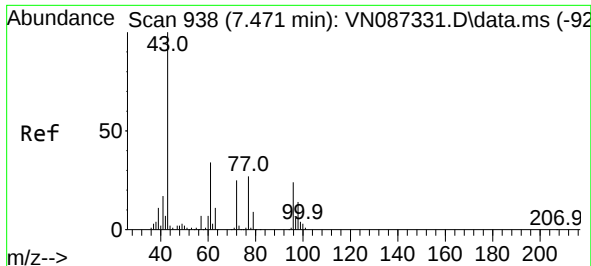


#26
2,2-Dichloropropane
Concen: 56.588 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



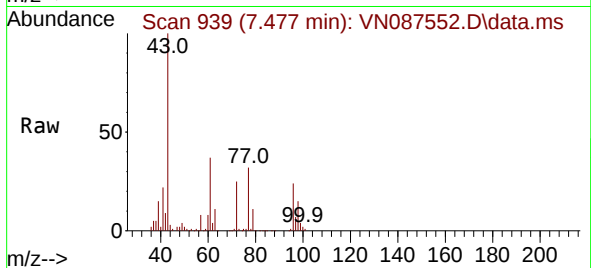
Tgt Ion: 77 Resp: 298522
Ion Ratio Lower Upper
77 100
97 21.0 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.764 ug/l
 RT: 7.477 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

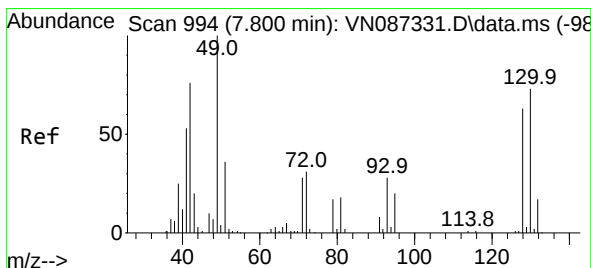
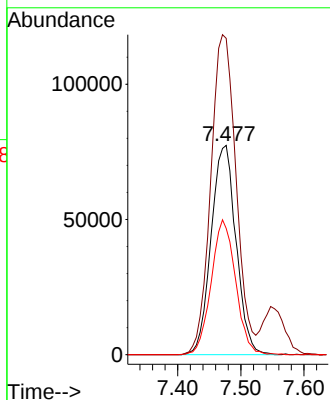
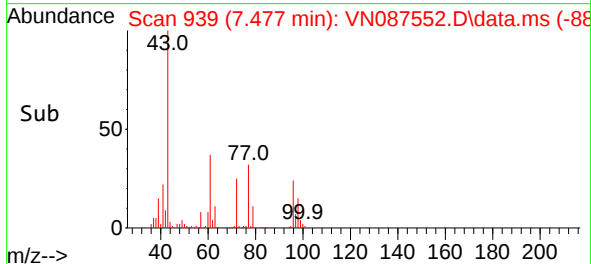
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 212209
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 297.8
 98 63.2 0.0 132.4

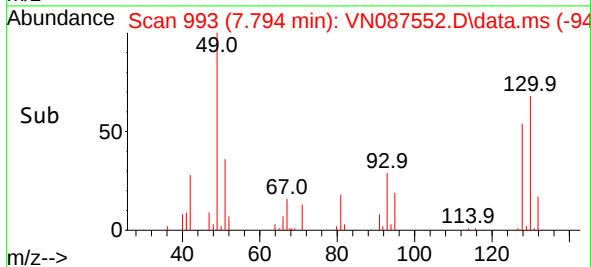
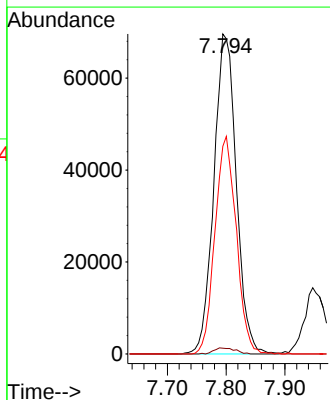
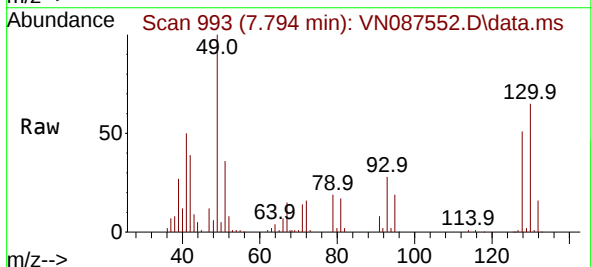
Manual Integrations
 APPROVED

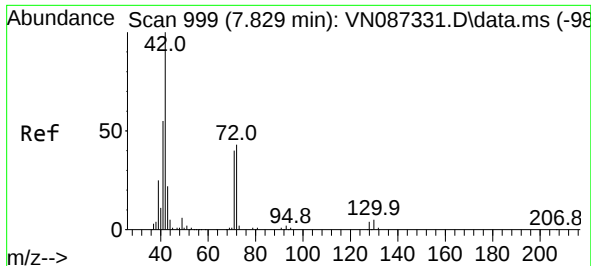
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 56.761 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

Tgt Ion: 49 Resp: 184324
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 64.7 57.3 85.9





#29

Tetrahydrofuran

Concen: 264.243 ug/l

RT: 7.824 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 57258

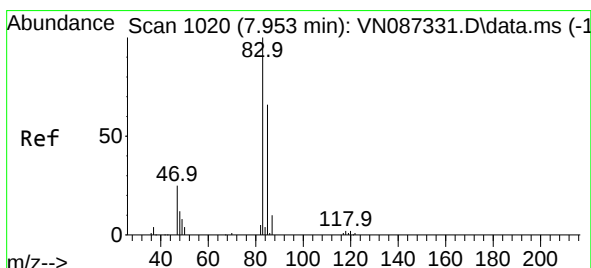
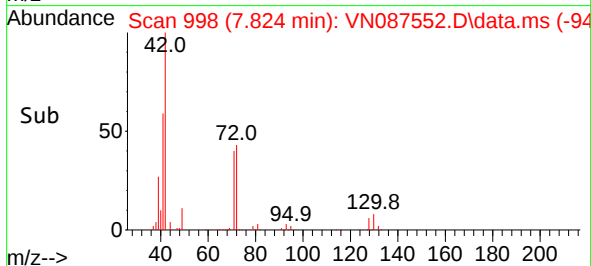
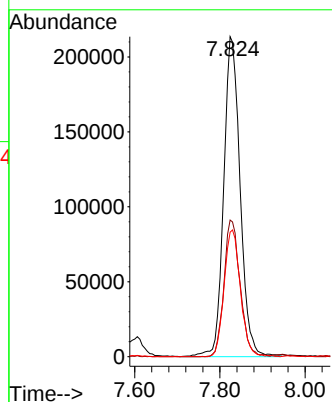
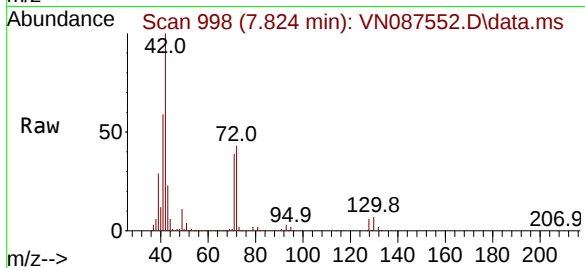
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	39.2	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 54.800 ug/l

RT: 7.947 min Scan# 1019

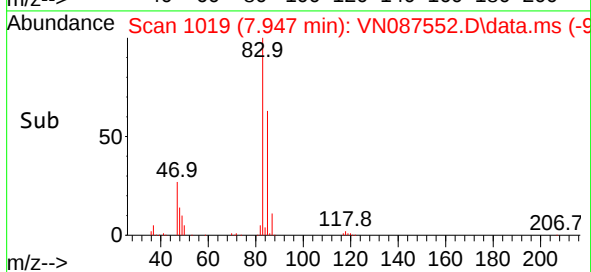
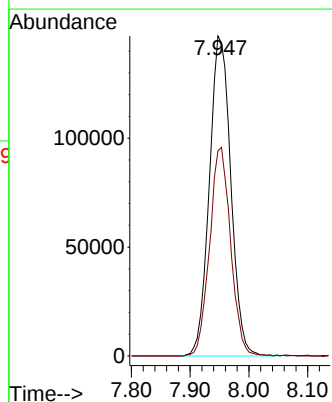
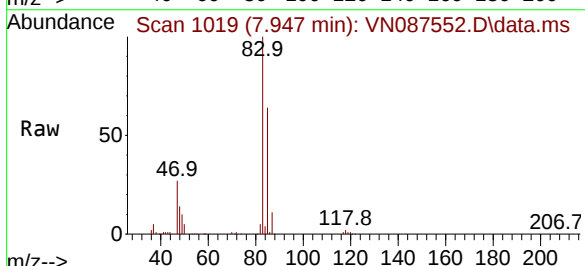
Delta R.T. -0.006 min

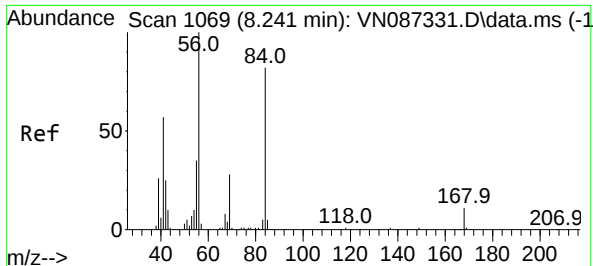
Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Tgt Ion: 83 Resp: 372180

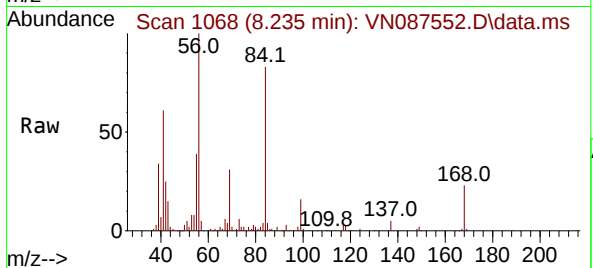
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.7	79.1





#31
Cyclohexane
Concen: 49.251 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

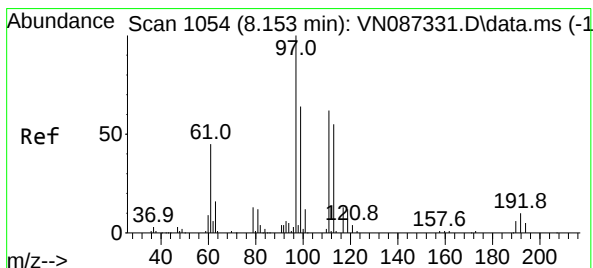
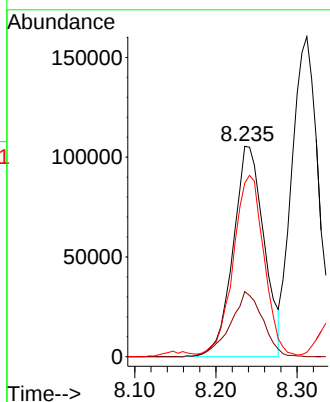
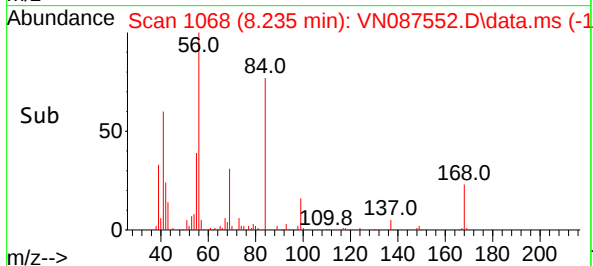
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



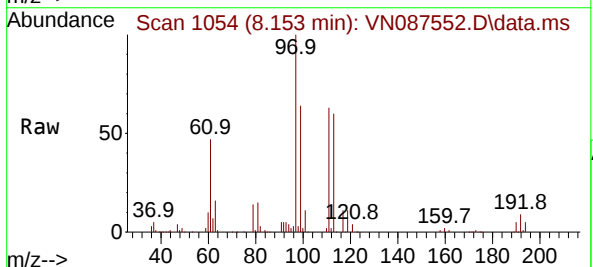
Tgt Ion: 56 Resp: 27877
Ion Ratio Lower Upper
56 100
69 31.0 22.7 34.1
84 80.7 65.8 98.6

Manual Integrations
APPROVED

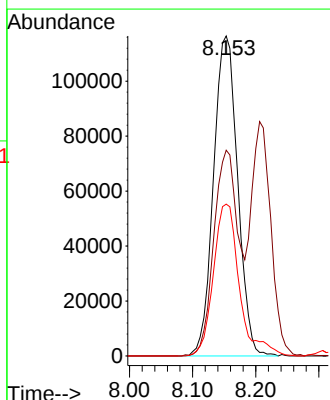
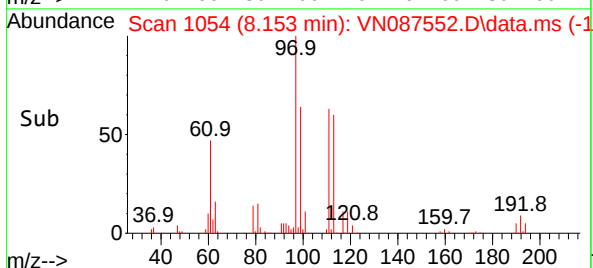
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

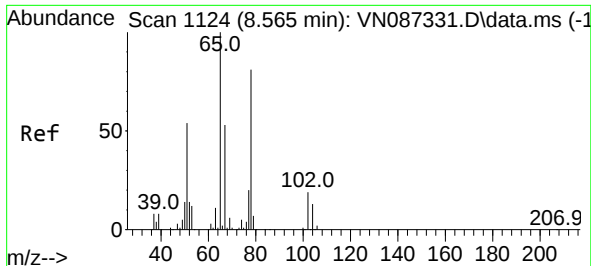


#32
1,1,1-Trichloroethane
Concen: 52.554 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



Tgt Ion: 97 Resp: 309142
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.8
61 51.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 53.738 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 247424

Ion Ratio Lower Upper

65 100

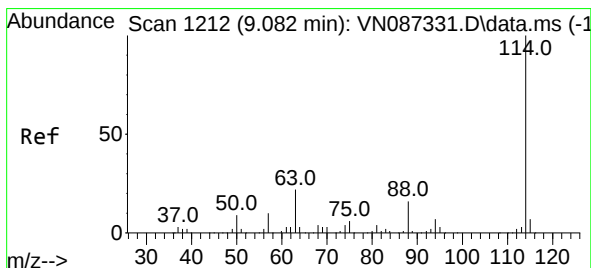
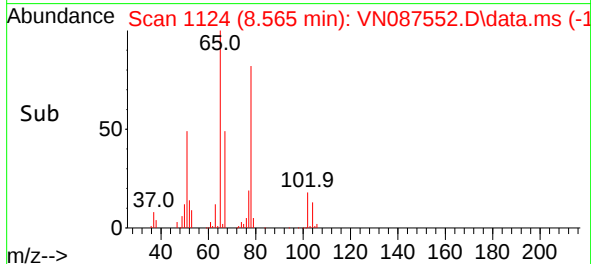
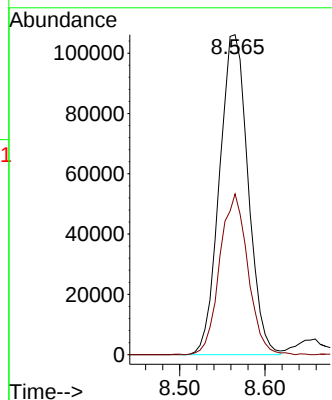
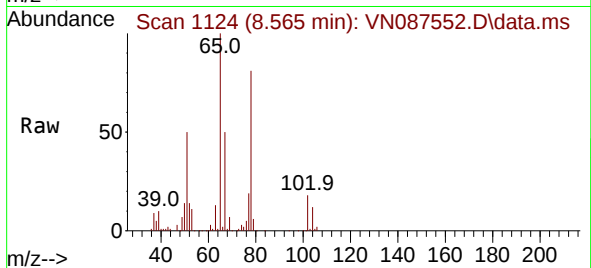
67 49.4 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

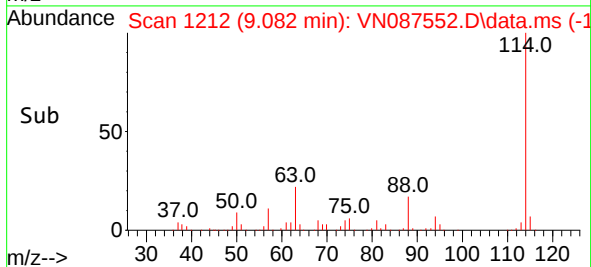
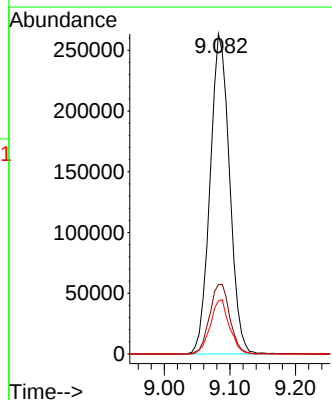
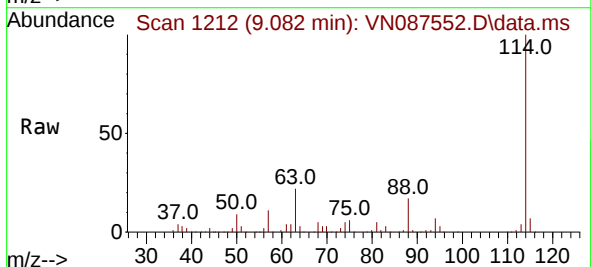
Tgt Ion:114 Resp: 543098

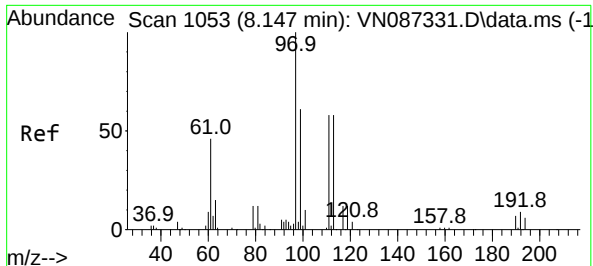
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.903 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16822

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

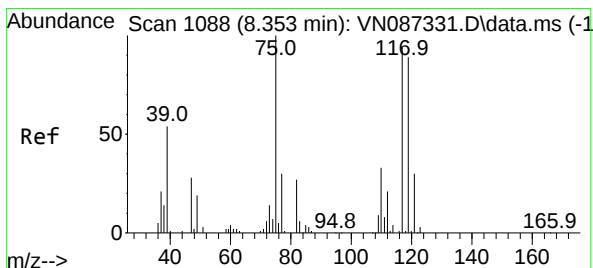
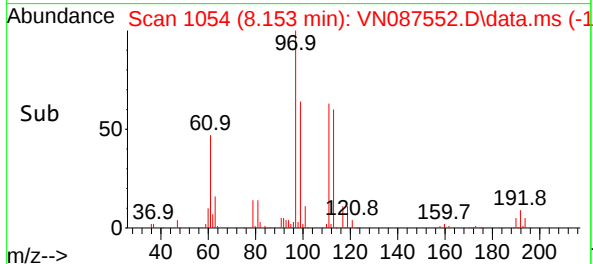
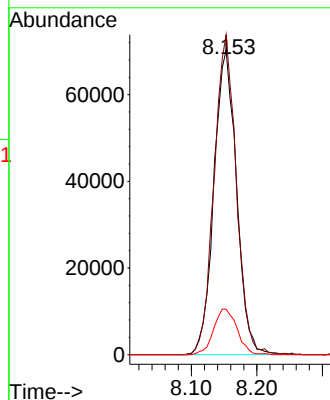
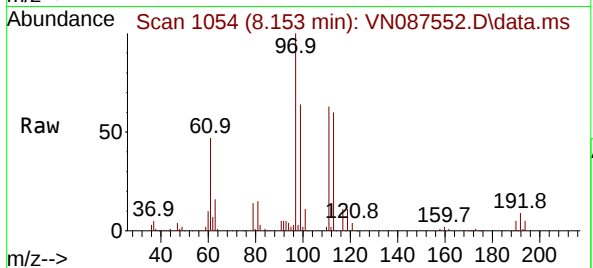
192 15.6 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#36

1,1-Dichloropropene

Concen: 48.073 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

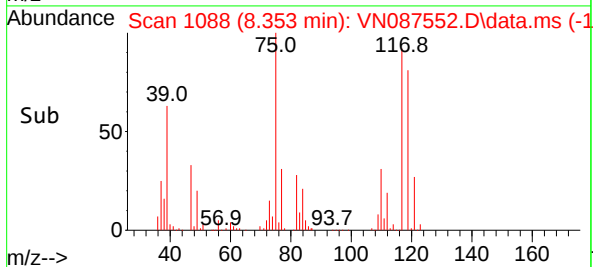
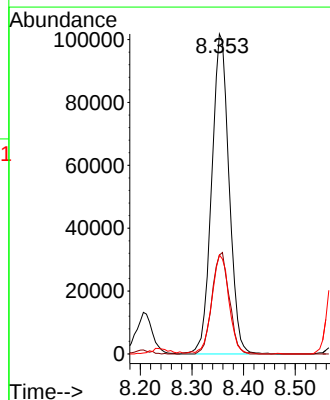
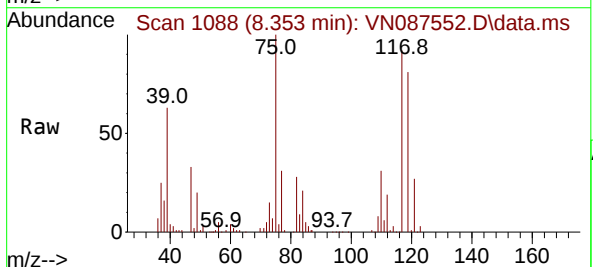
Tgt Ion: 75 Resp: 237939

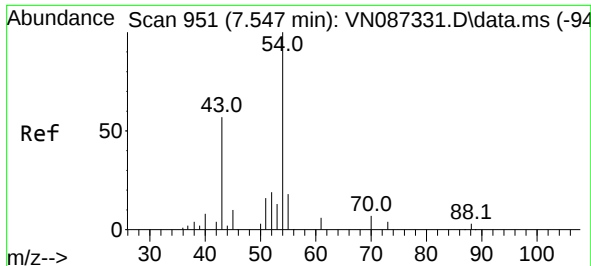
Ion Ratio Lower Upper

75 100

110 31.4 16.7 50.1

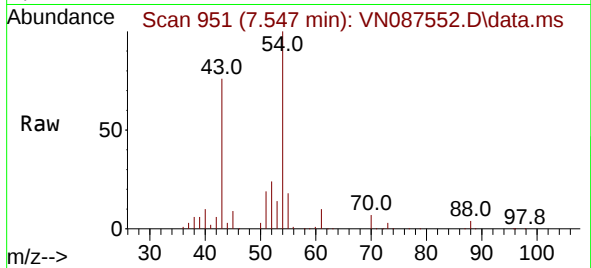
77 30.7 25.2 37.8





#37
Ethyl Acetate
Concen: 47.639 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

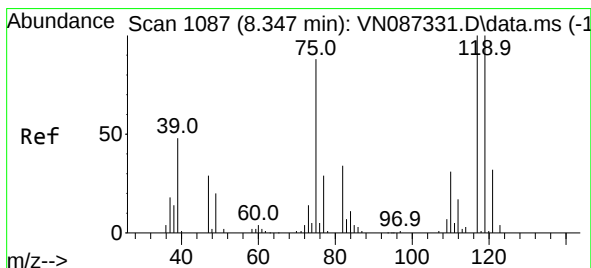
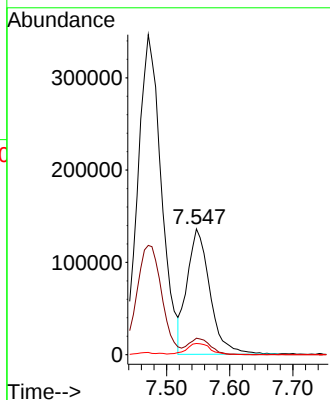
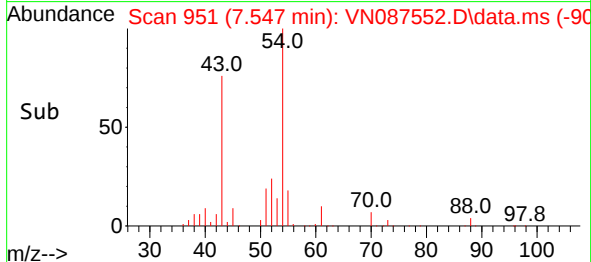
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 340534
Ion Ratio Lower Upper
43 100
61 12.6 10.9 16.3
70 9.4 7.4 11.0

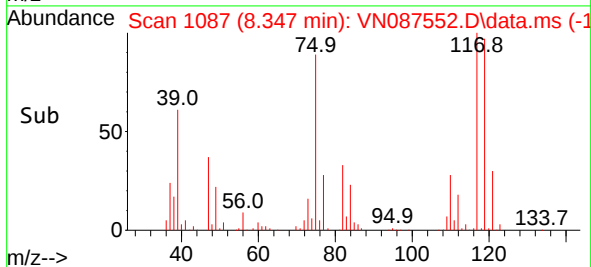
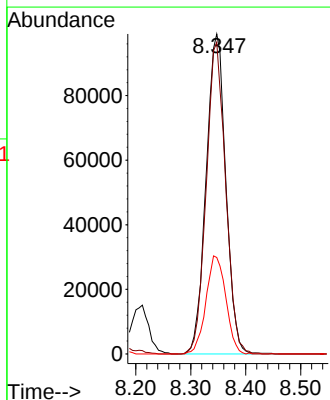
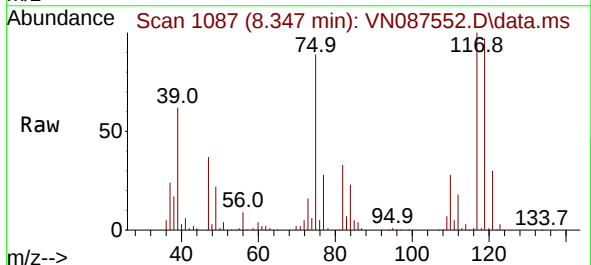
Manual Integrations
APPROVED

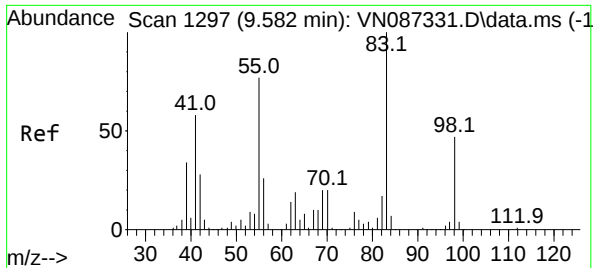
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 45.251 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion:117 Resp: 246721
Ion Ratio Lower Upper
117 100
119 97.5 80.2 120.2
121 30.1 25.4 38.2





#39

Methylcyclohexane

Concen: 47.484 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25444

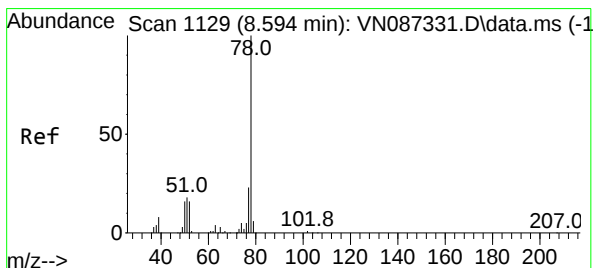
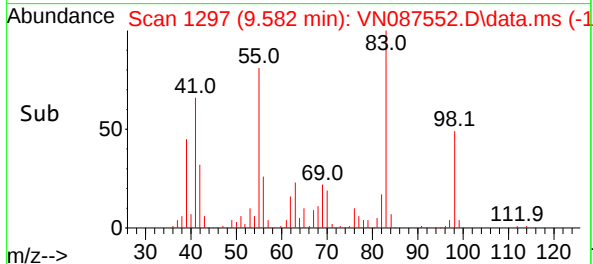
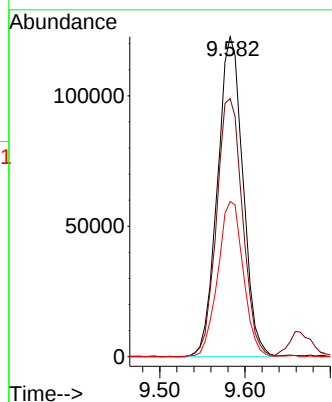
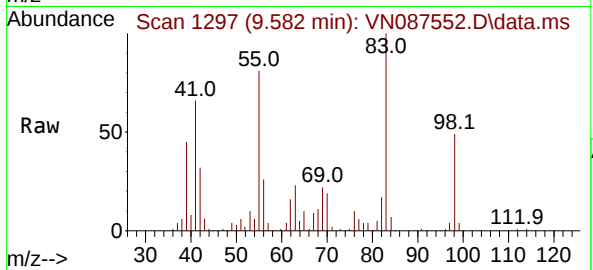
Ion	Ratio	Lower	Upper
83	100		
55	80.6	61.3	91.9
98	48.5	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 47.666 ug/l

RT: 8.588 min Scan# 1128

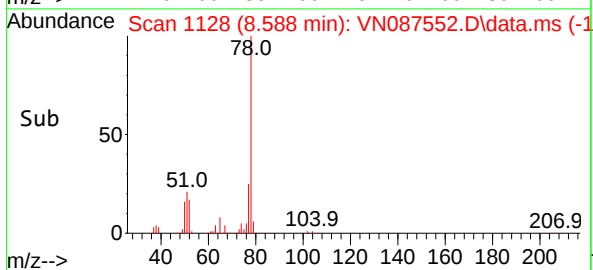
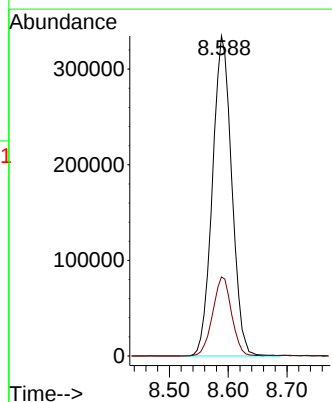
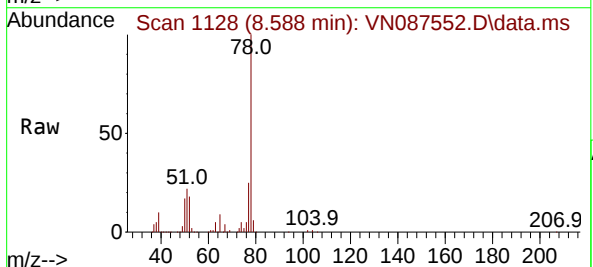
Delta R.T. -0.006 min

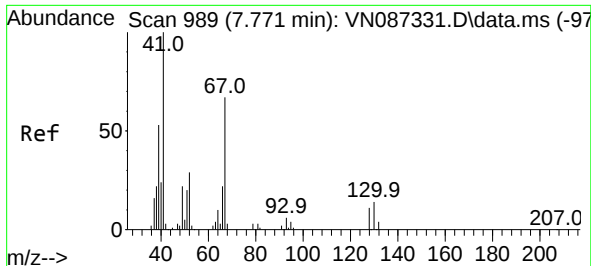
Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Tgt Ion: 78 Resp: 762513

Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.2	27.2





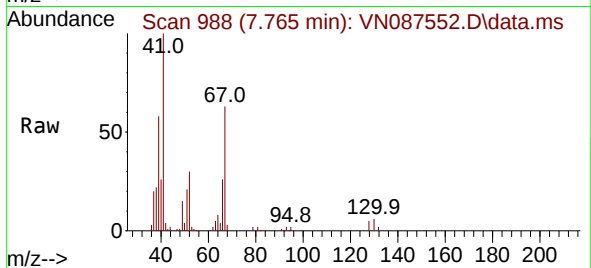
#41
Methacrylonitrile
Concen: 47.844 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



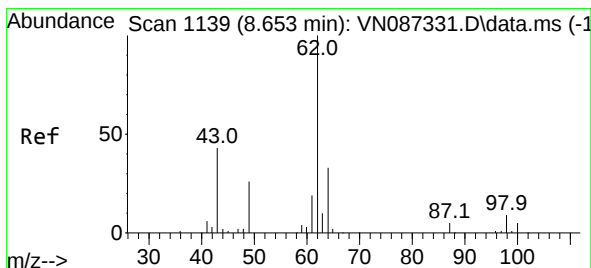
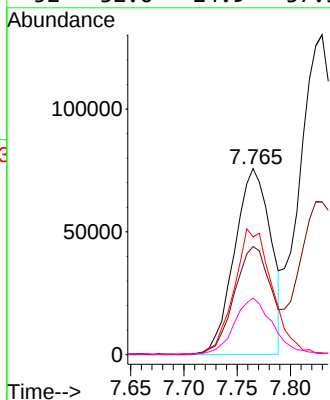
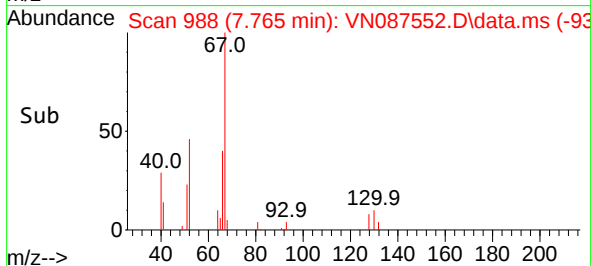
Tgt Ion: 41 Resp: 178829
Ion Ratio Lower Upper
41 100
39 58.4 43.4 65.0
67 71.7 55.1 82.7
52 32.6 24.9 37.3

Manual Integrations

APPROVED

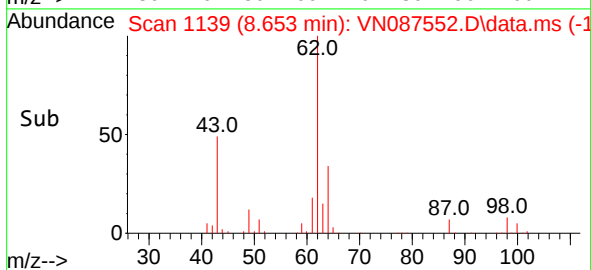
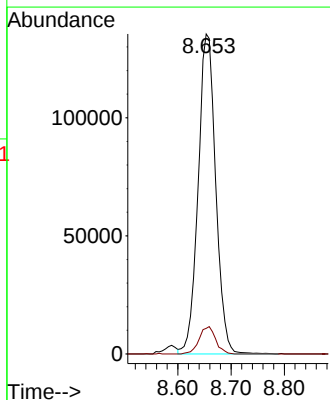
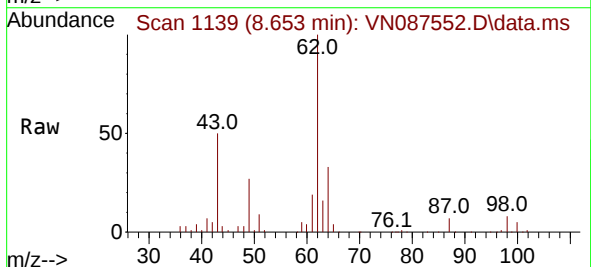
Reviewed By :John Carlone 08/14/2025

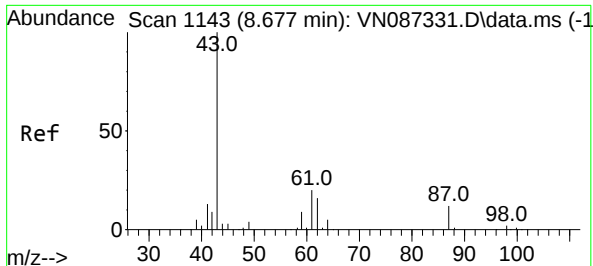
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 51.277 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

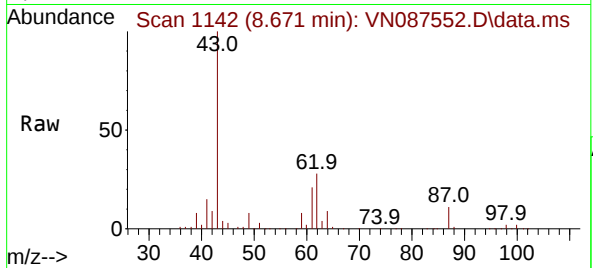
Tgt Ion: 62 Resp: 311061
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.848 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

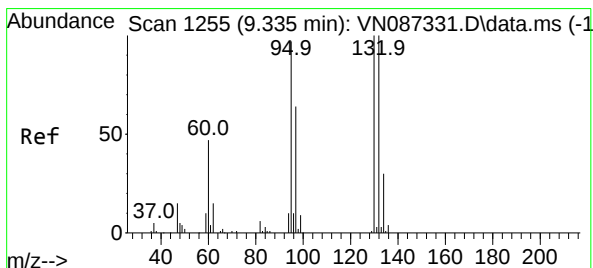
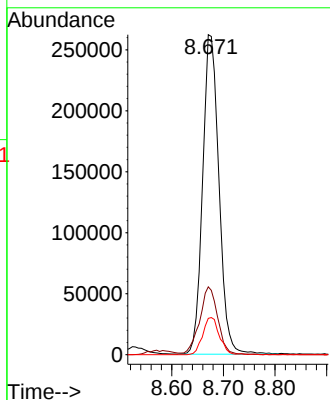
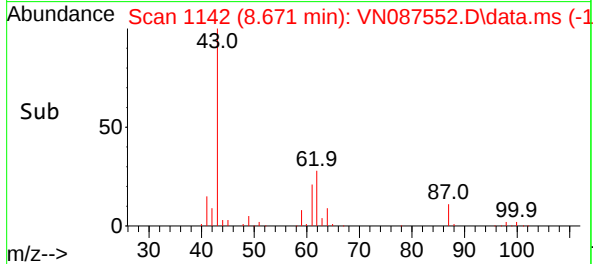
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 57533
Ion Ratio Lower Upper
43 100
61 23.2 19.8 29.8
87 11.9 9.8 14.6

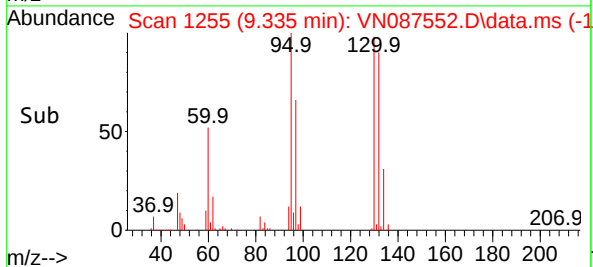
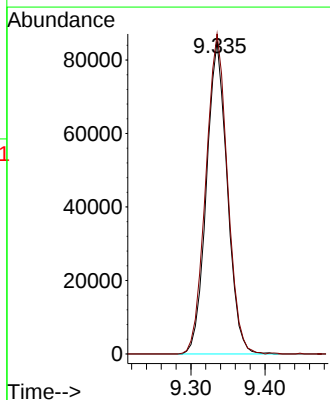
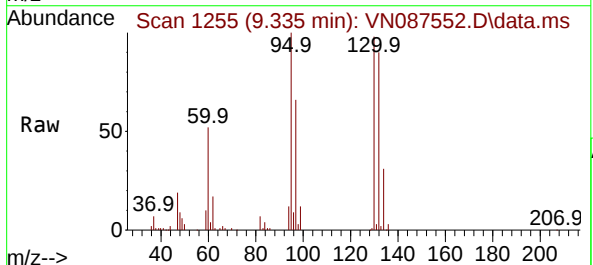
Manual Integrations
APPROVED

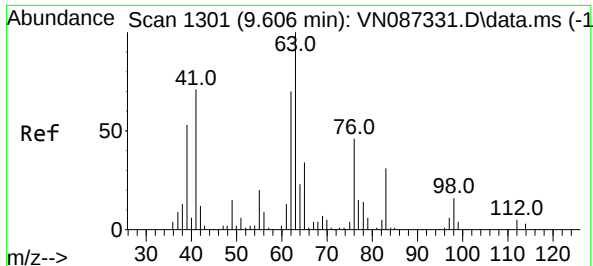
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 43.791 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion:130 Resp: 165523
Ion Ratio Lower Upper
130 100
95 102.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 49.245 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20016

Ion Ratio Lower Upper

63 100

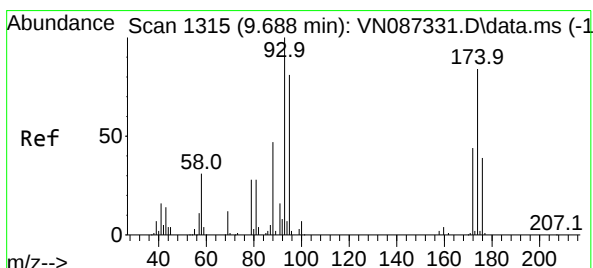
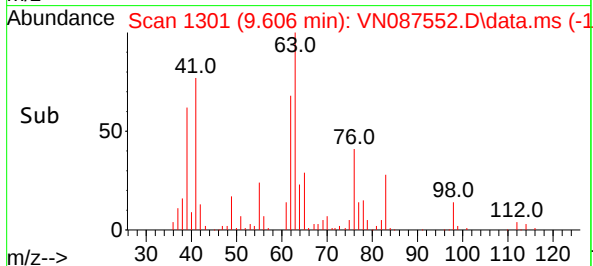
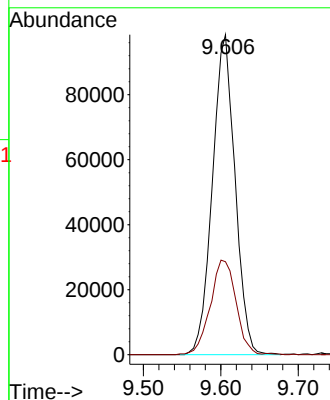
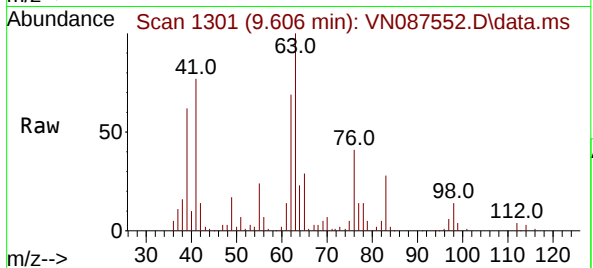
65 28.9 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 48.459 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

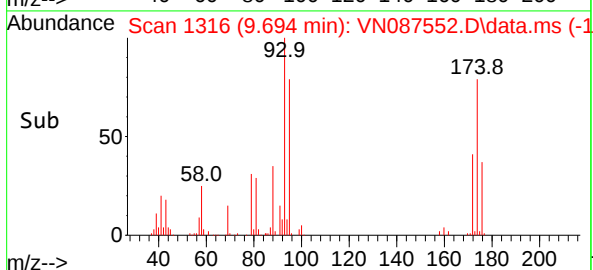
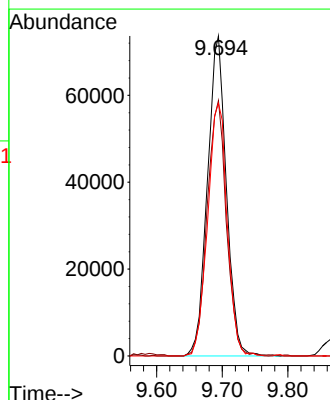
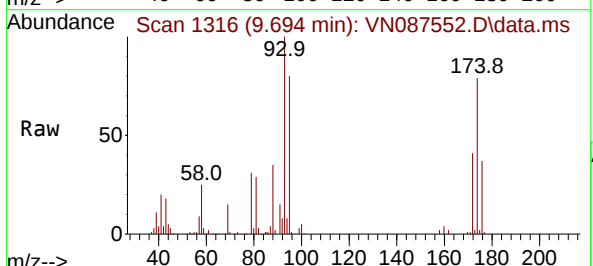
Tgt Ion: 93 Resp: 147474

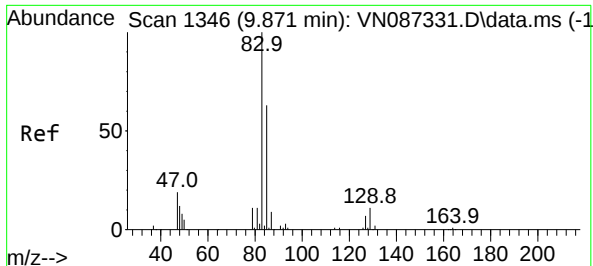
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

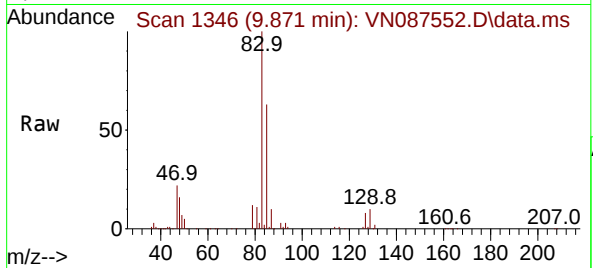
174 81.6 69.9 104.9





#47
Bromodichloromethane
Concen: 48.711 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

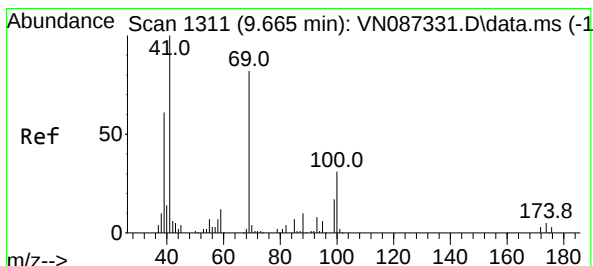
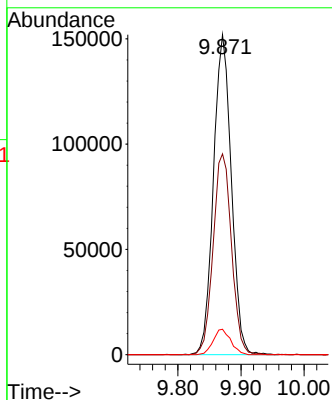
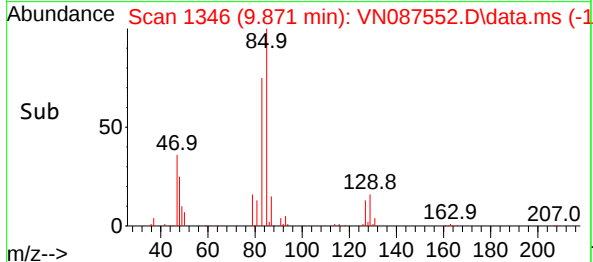
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 29859
Ion Ratio Lower Upper
83 100
85 62.8 50.4 75.6
127 8.0 5.8 8.8

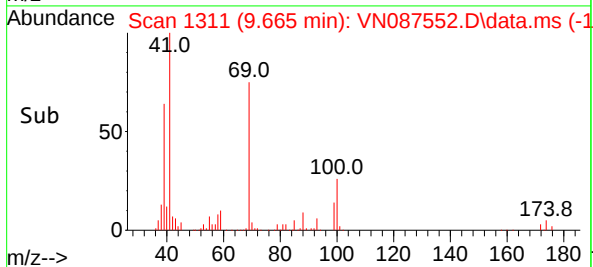
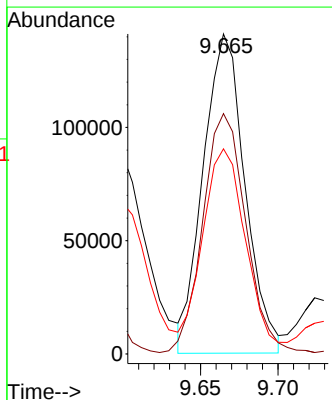
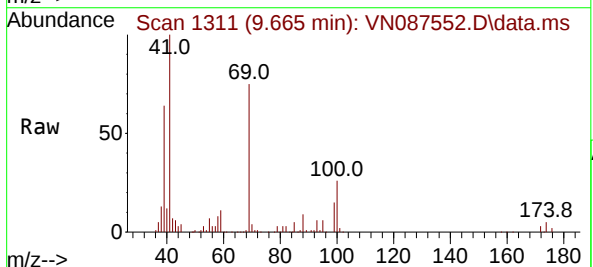
Manual Integrations
APPROVED

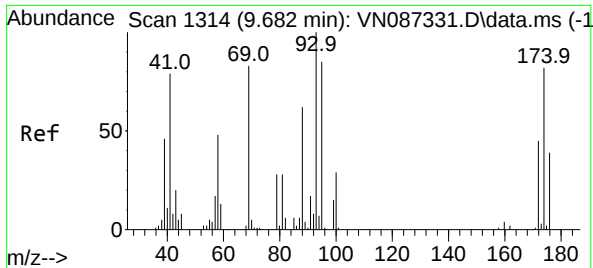
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 52.798 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

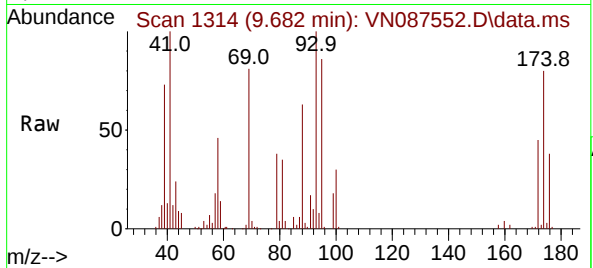
Tgt Ion: 41 Resp: 263753
Ion Ratio Lower Upper
41 100
69 78.3 64.1 96.1
39 67.0 45.5 68.3





#49
1,4-Dioxane
Concen: 1013.618 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

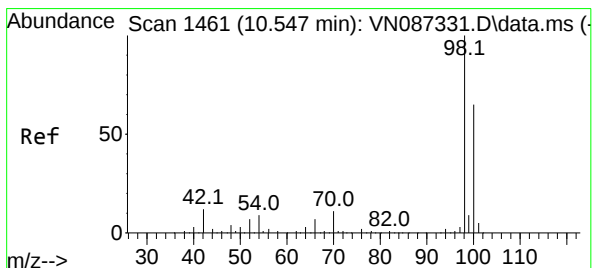
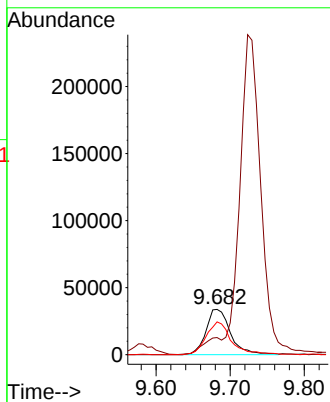
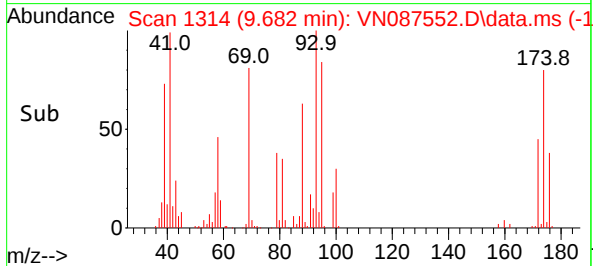
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 77554
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.2 61.1 91.7

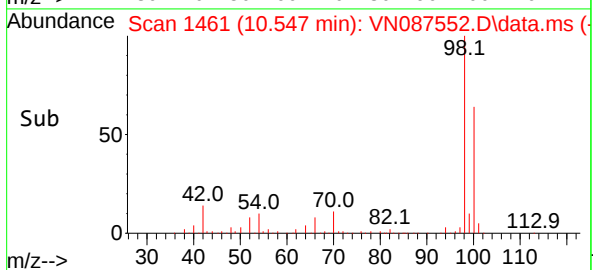
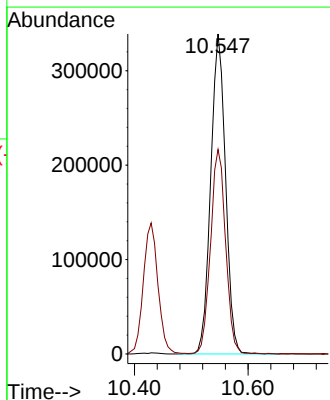
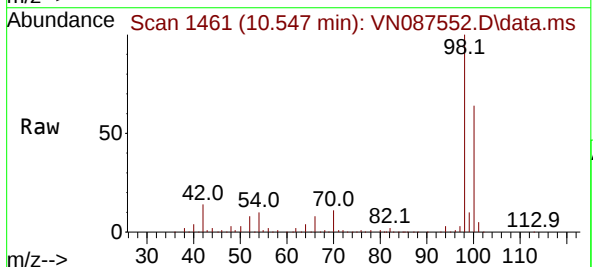
Manual Integrations
APPROVED

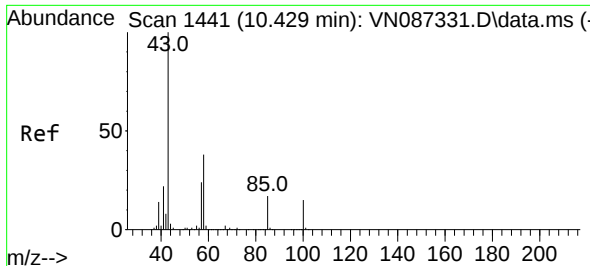
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 45.726 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

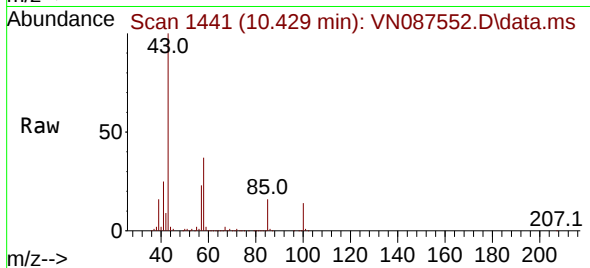
Tgt Ion: 98 Resp: 611058
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 252.428 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

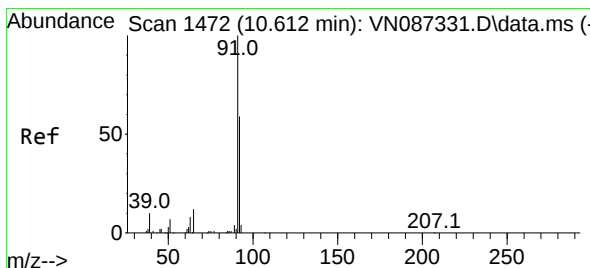
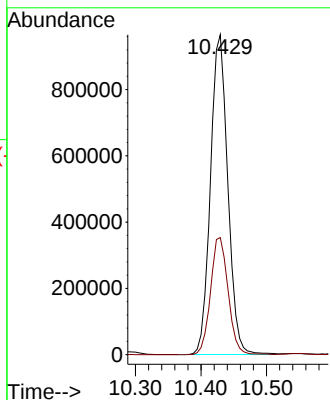
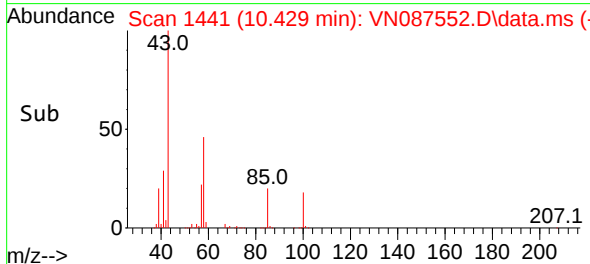
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 177161
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2

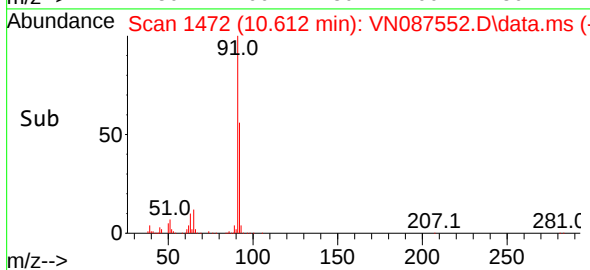
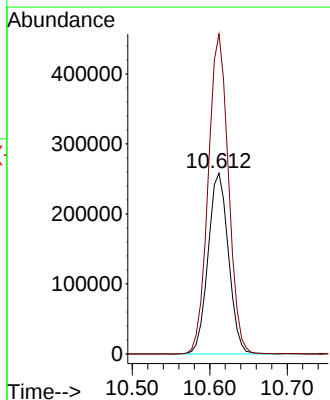
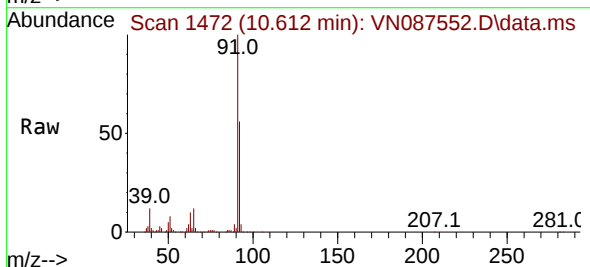
Manual Integrations
APPROVED

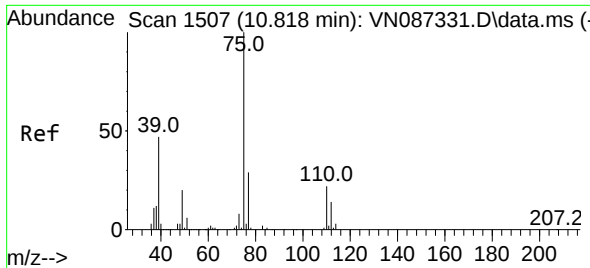
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 48.609 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

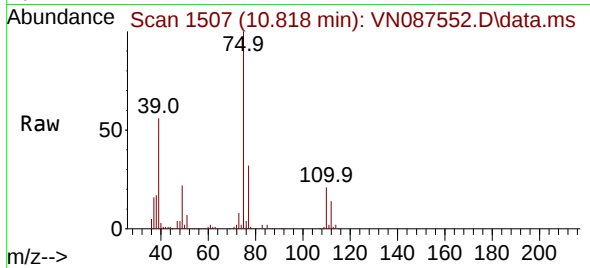
Tgt Ion: 92 Resp: 472630
Ion Ratio Lower Upper
92 100
91 176.0 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 51.017 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

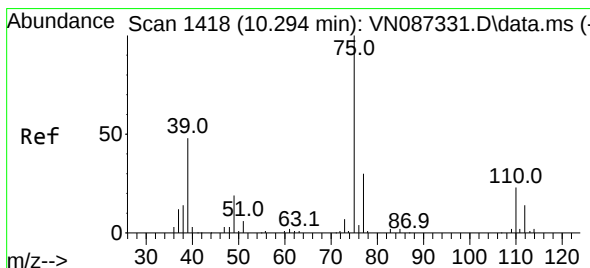
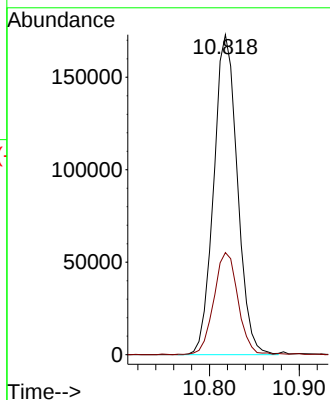
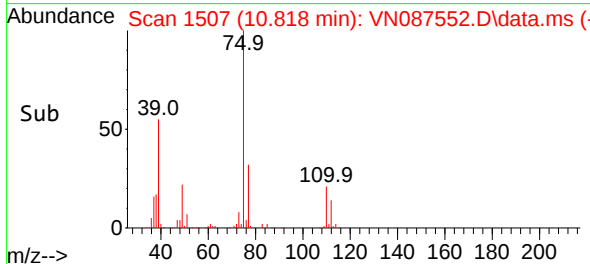
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 316497
Ion Ratio Lower Upper
75 100
77 31.8 23.6 35.4

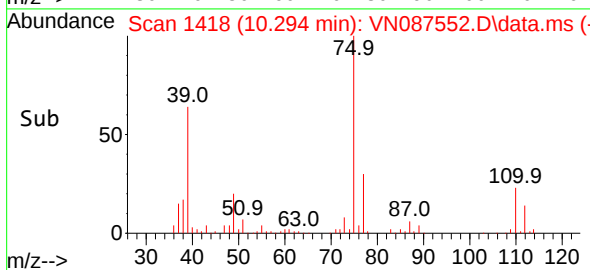
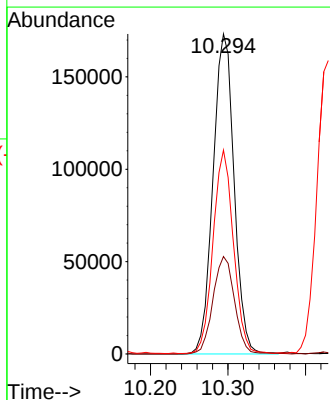
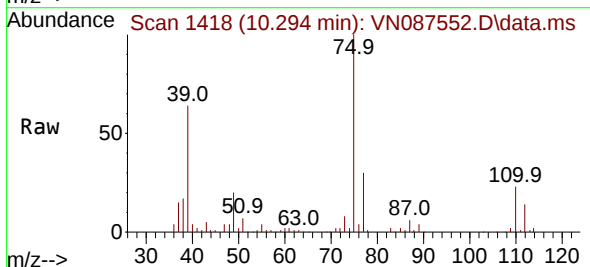
Manual Integrations
APPROVED

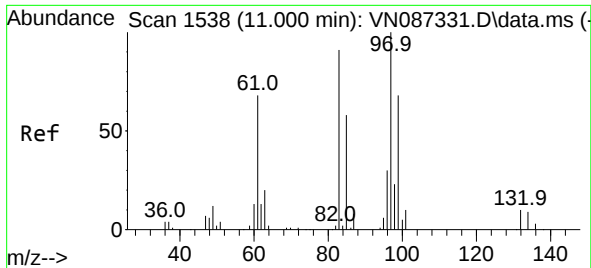
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#54
cis-1,3-Dichloropropene
Concen: 51.028 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

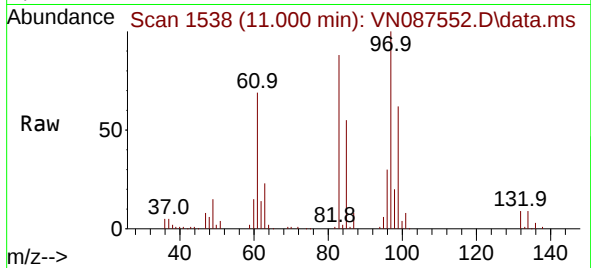
Tgt Ion: 75 Resp: 326996
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2
39 63.5 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 48.289 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

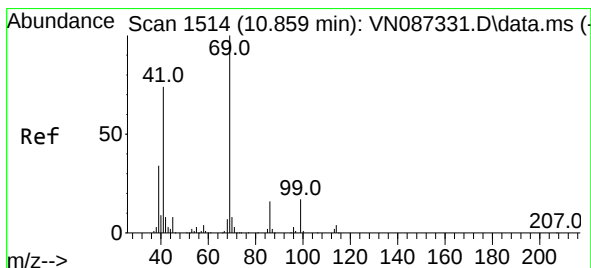
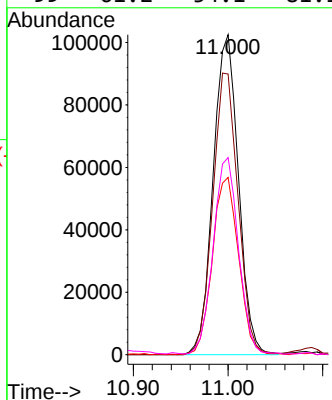
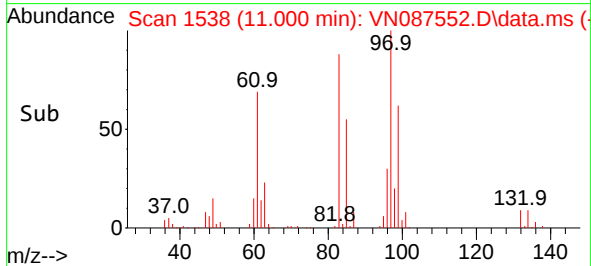
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



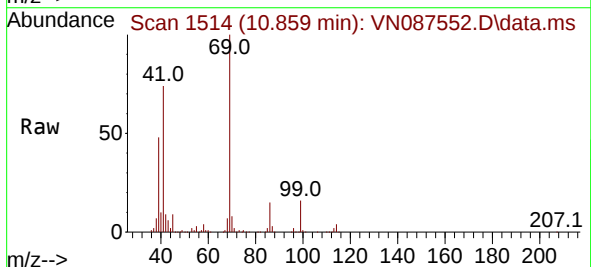
Tgt Ion: 97 Resp: 190088
Ion Ratio Lower Upper
97 100
83 87.7 72.6 109.0
85 55.4 46.7 70.1
99 61.2 54.1 81.1

Manual Integrations
APPROVED

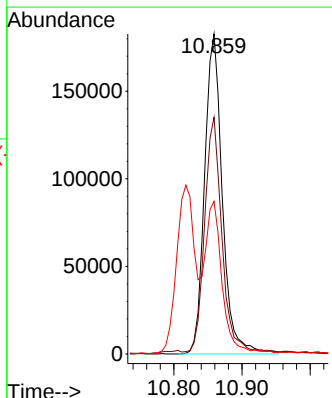
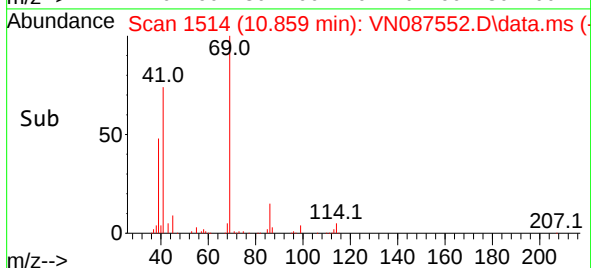
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

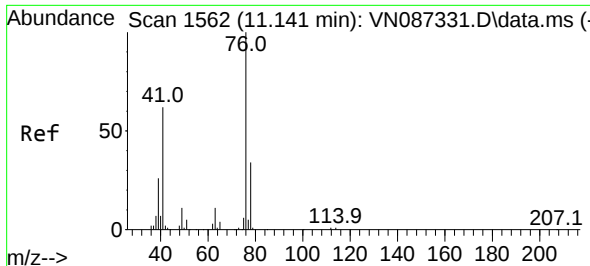


#56
Ethyl methacrylate
Concen: 50.043 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



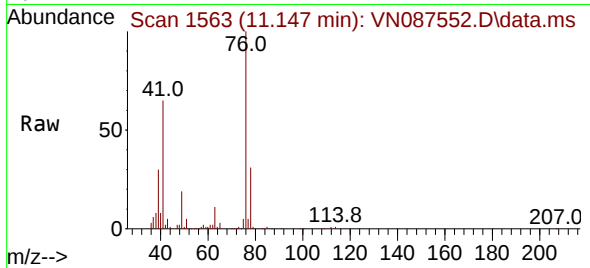
Tgt Ion: 69 Resp: 331191
Ion Ratio Lower Upper
69 100
41 70.4 55.1 82.7
39 46.2 27.9 41.9#





#57
1,3-Dichloropropane
Concen: 49.384 ug/l
RT: 11.147 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

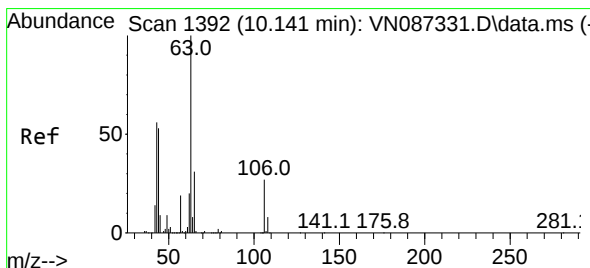
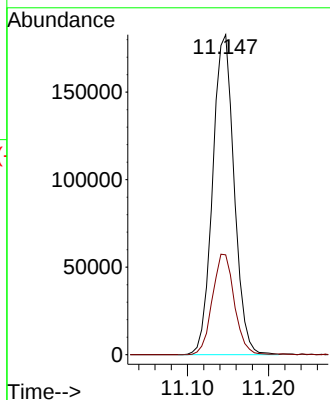
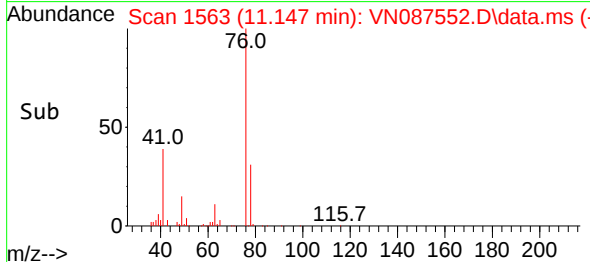
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 336112
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

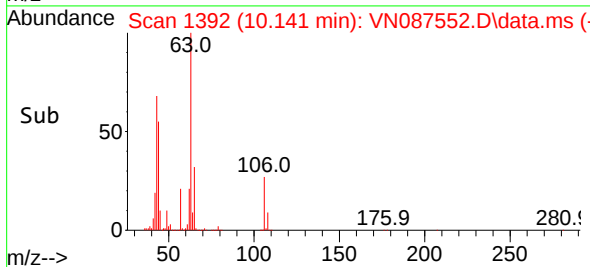
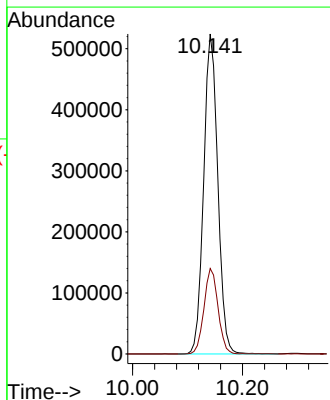
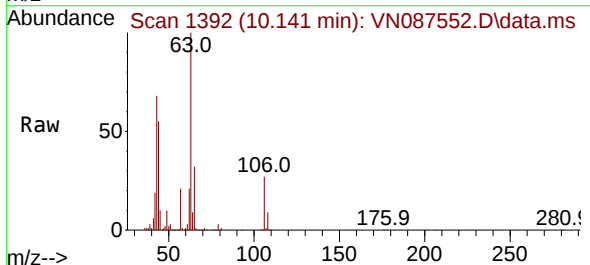
Manual Integrations
APPROVED

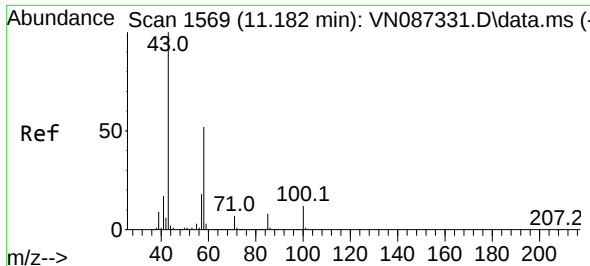
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 289.306 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 63 Resp: 934209
Ion Ratio Lower Upper
63 100
106 26.6 21.7 32.5





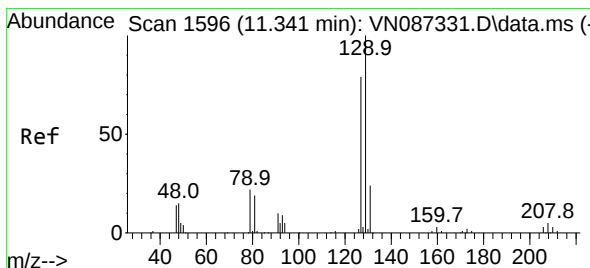
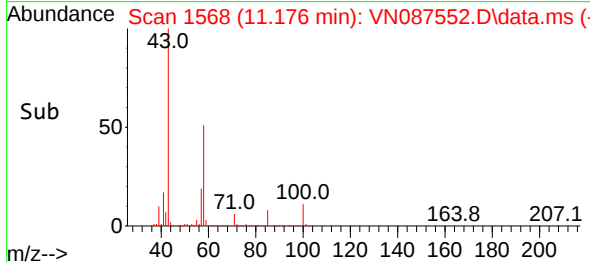
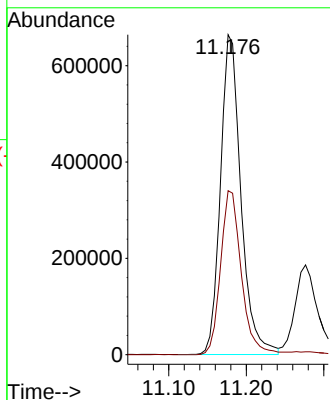
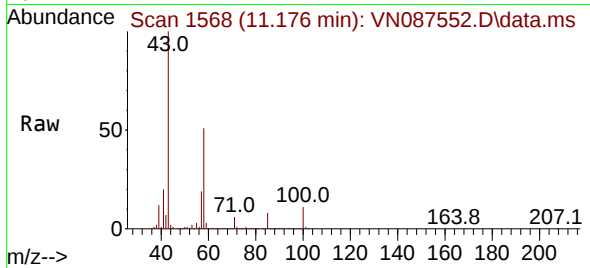
#59
2-Hexanone
Concen: 262.377 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 122172
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.0

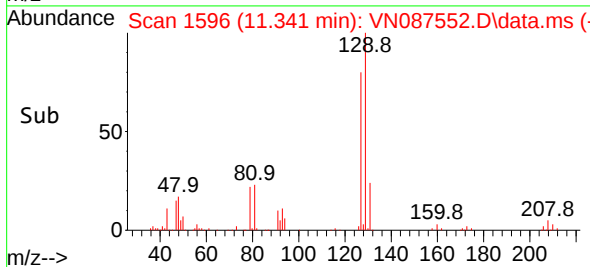
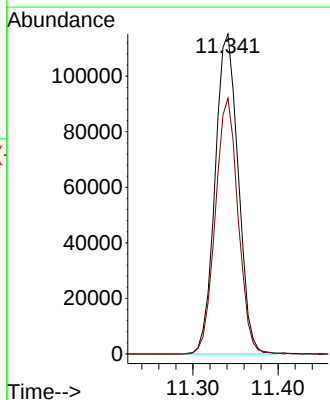
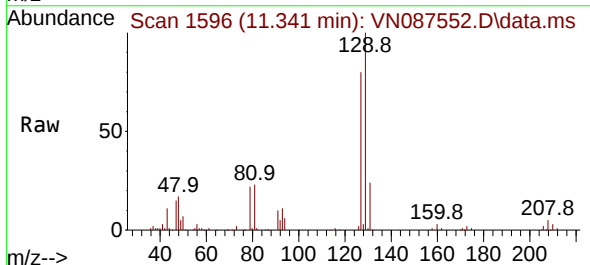
Manual Integrations
APPROVED

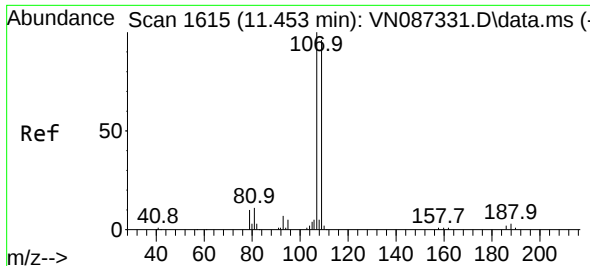
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 48.455 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

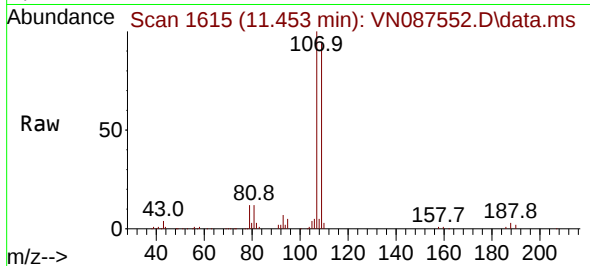
Tgt Ion:129 Resp: 217527
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 48.875 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

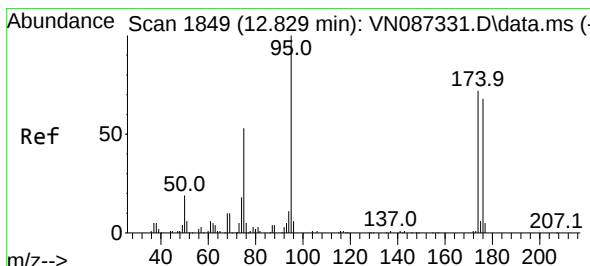
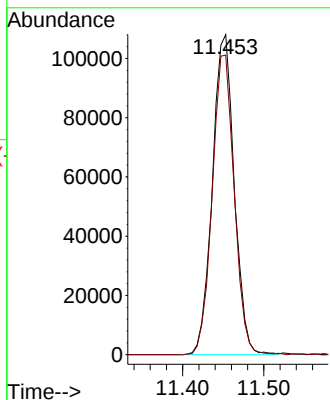
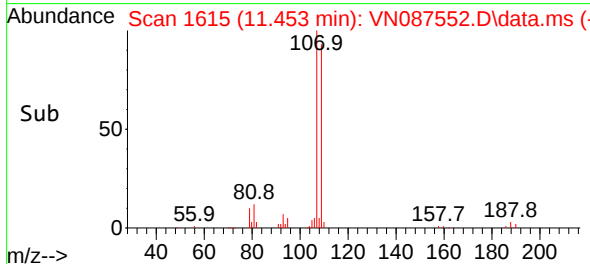
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



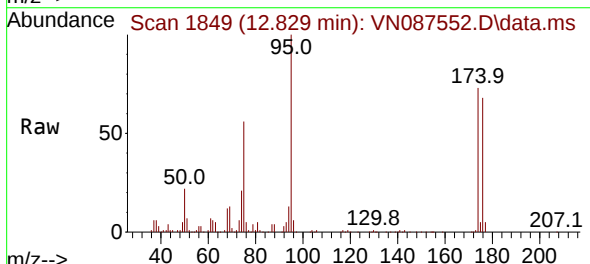
Tgt Ion:107 Resp: 202290
Ion Ratio Lower Upper
107 100
109 94.1 77.5 116.3

Manual Integrations
APPROVED

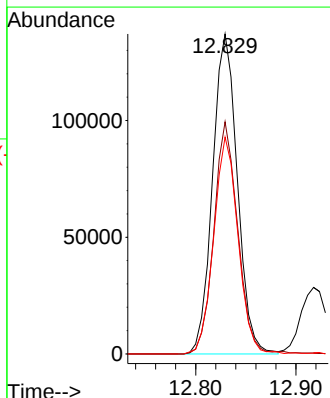
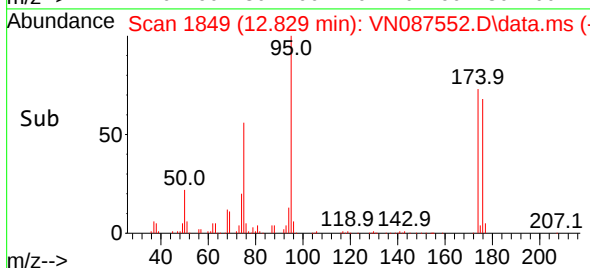
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

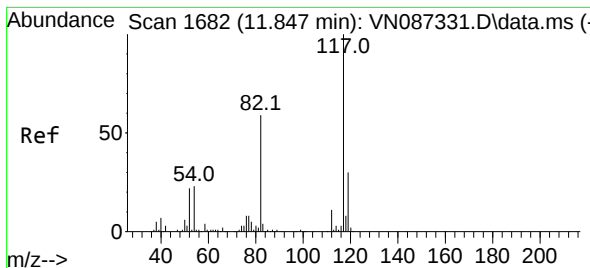


#62
4-Bromofluorobenzene
Concen: 47.655 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



Tgt Ion: 95 Resp: 235280
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.4
176 66.7 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 500619

Ion Ratio Lower Upper

117 100

82 59.9 47.4 71.2

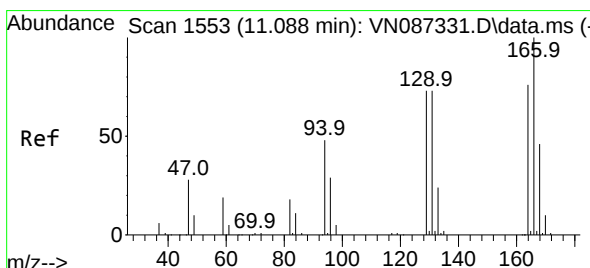
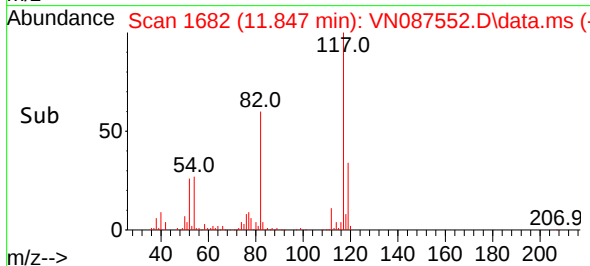
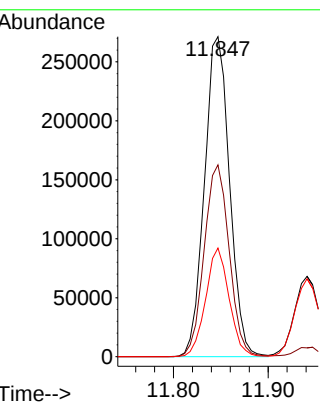
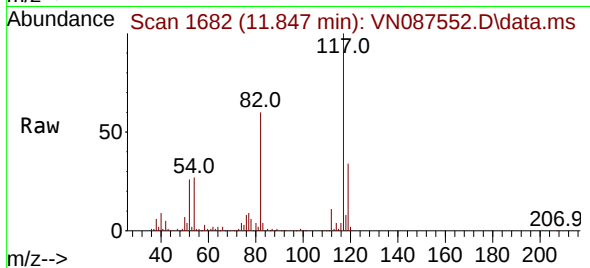
119 34.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#64

Tetrachloroethene

Concen: 40.459 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Tgt Ion:164 Resp: 130358

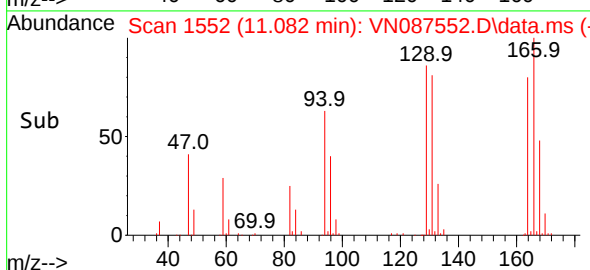
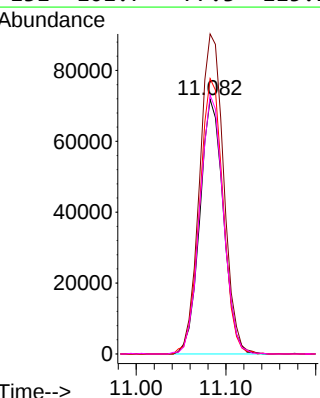
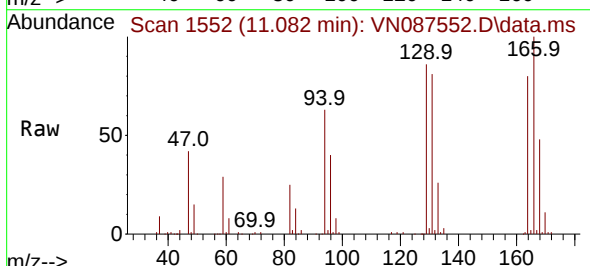
Ion Ratio Lower Upper

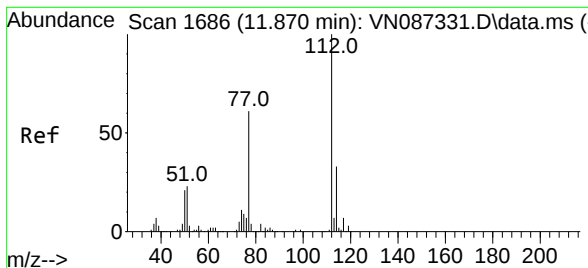
164 100

166 125.7 105.5 158.3

129 108.2 77.4 116.2

131 101.7 77.3 115.9





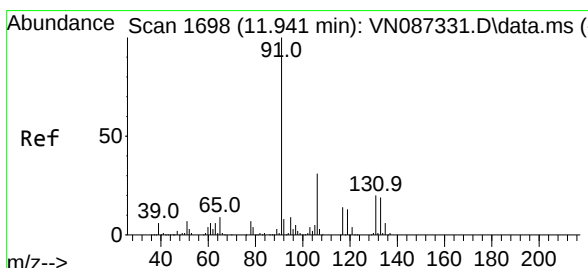
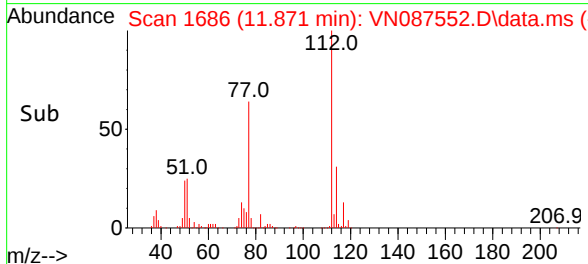
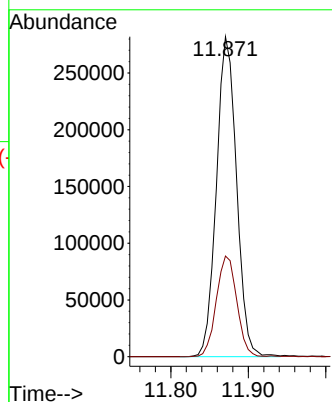
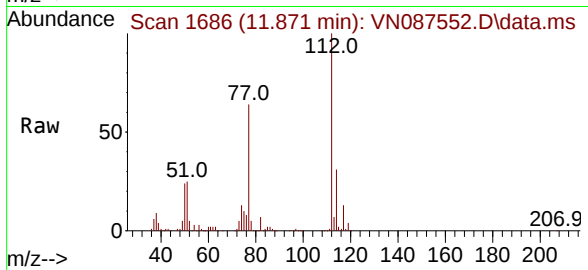
#65
Chlorobenzene
Concen: 45.275 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 50885
Ion Ratio Lower Upper
112 100
114 31.5 26.5 39.7

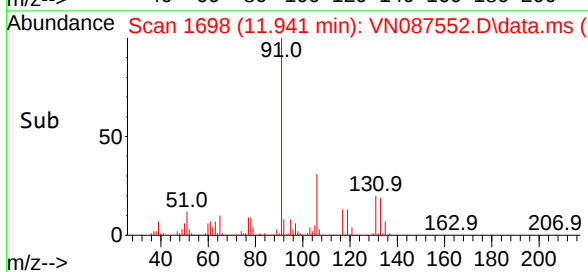
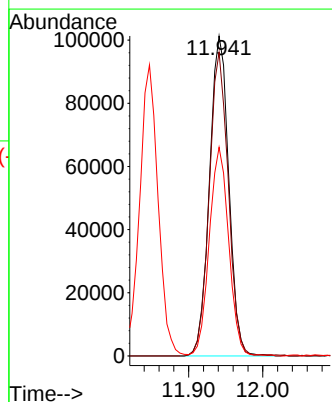
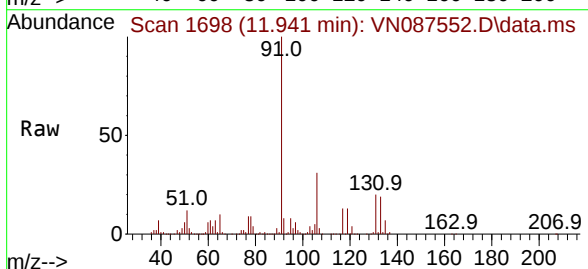
Manual Integrations
APPROVED

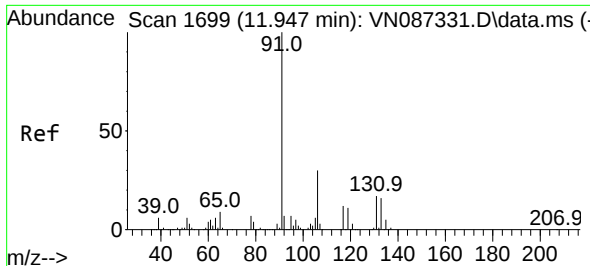
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 47.896 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

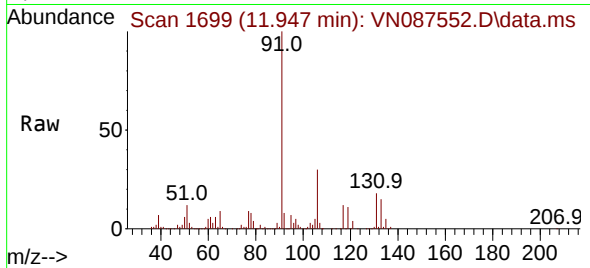
Tgt Ion:131 Resp: 183045
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 65.7 33.1 99.2





#67
Ethyl Benzene
Concen: 49.442 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

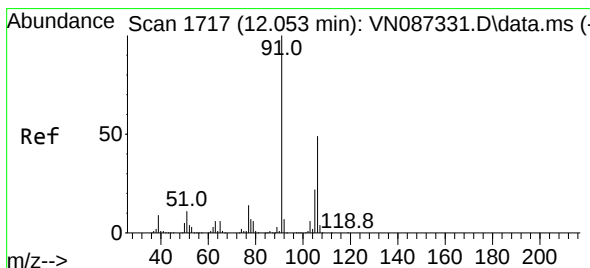
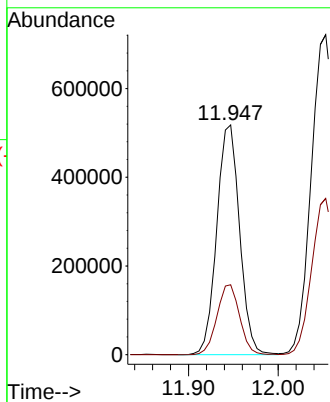
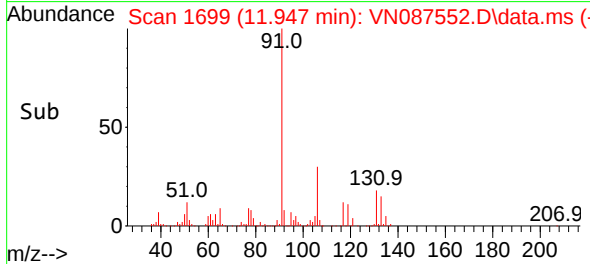
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 91481
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

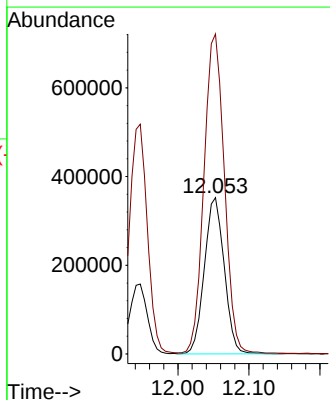
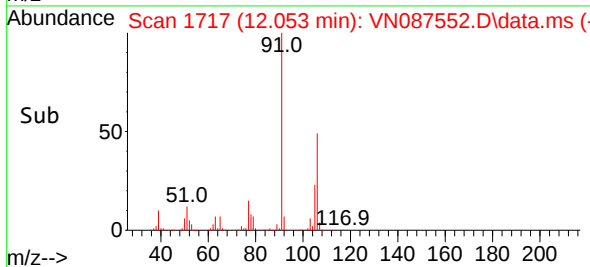
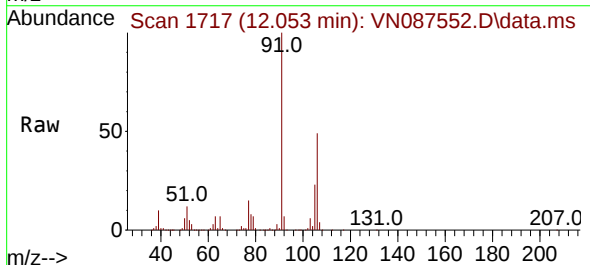
Manual Integrations
APPROVED

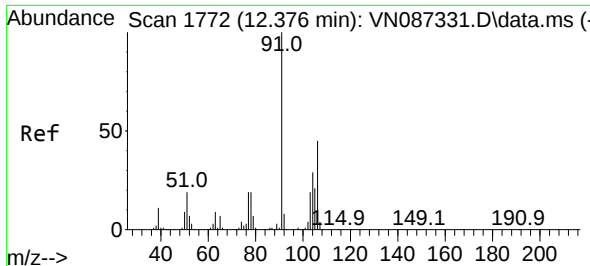
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#68
m/p-Xylenes
Concen: 98.699 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

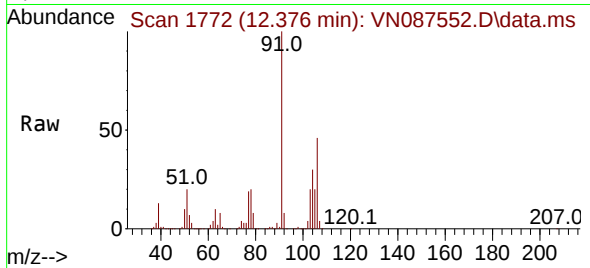
Tgt Ion:106 Resp: 683841
Ion Ratio Lower Upper
106 100
91 210.7 162.0 243.0





#69
o-Xylene
Concen: 51.038 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

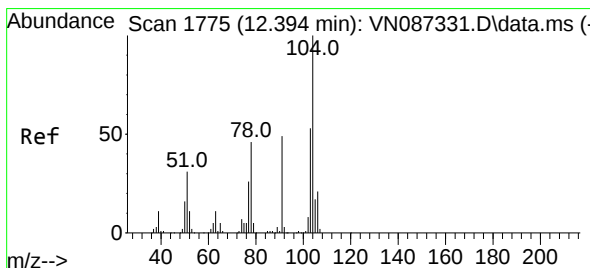
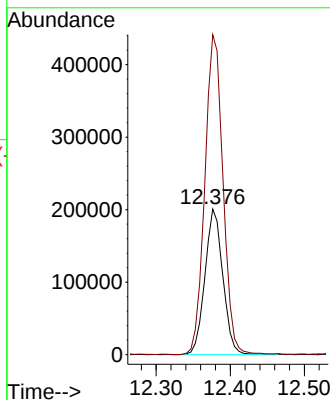
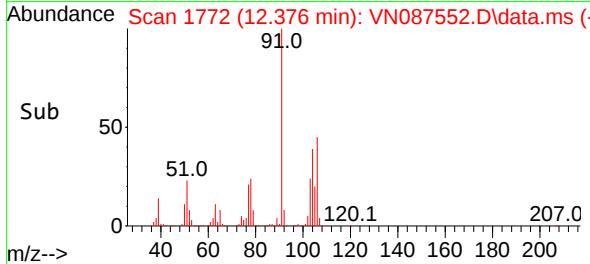
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 337782
Ion Ratio Lower Upper
106 100
91 223.0 107.7 323.3

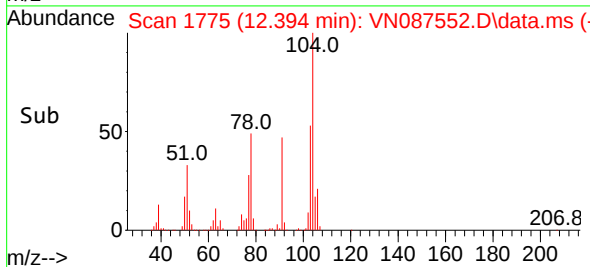
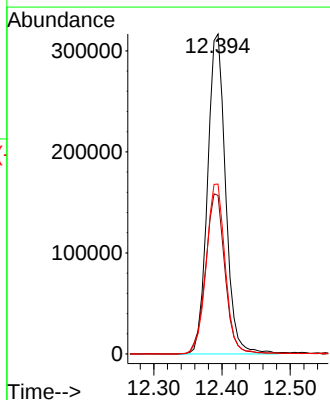
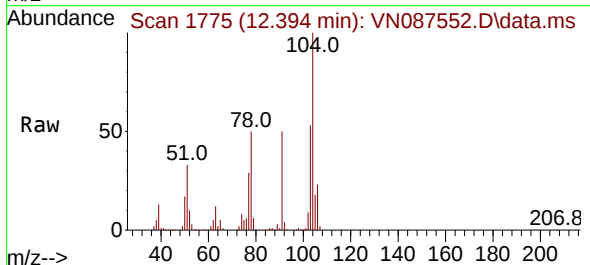
Manual Integrations
APPROVED

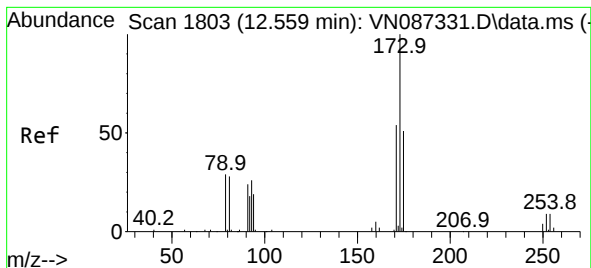
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 52.445 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

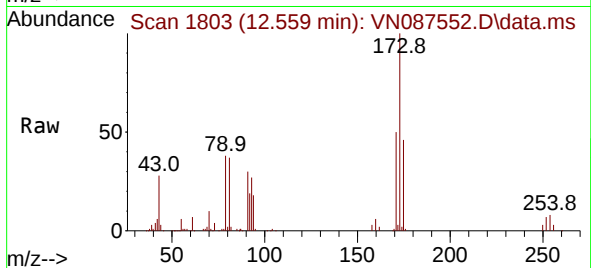
Tgt Ion:104 Resp: 583897
Ion Ratio Lower Upper
104 100
78 53.9 41.0 61.6
103 56.4 43.9 65.9





#71
Bromoform
Concen: 46.429 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

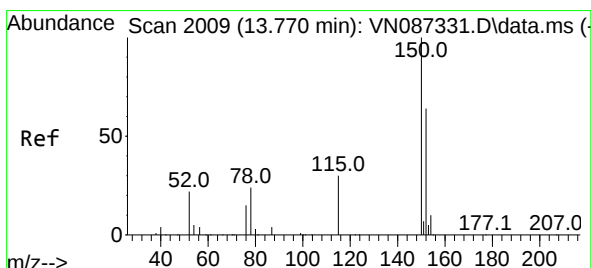
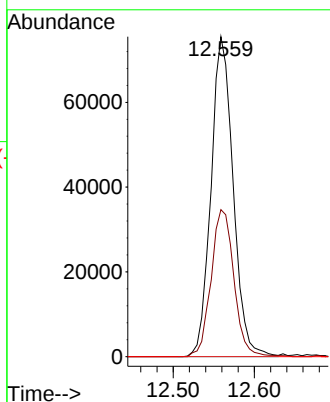
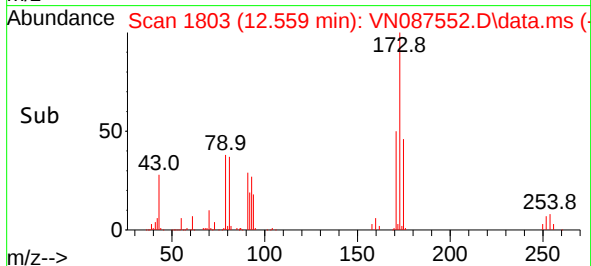
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



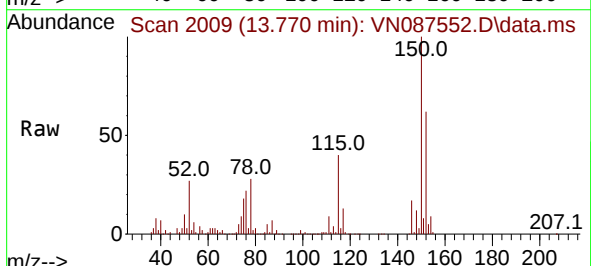
Tgt Ion:173 Resp: 14335
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

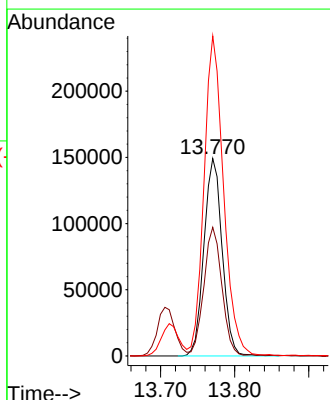
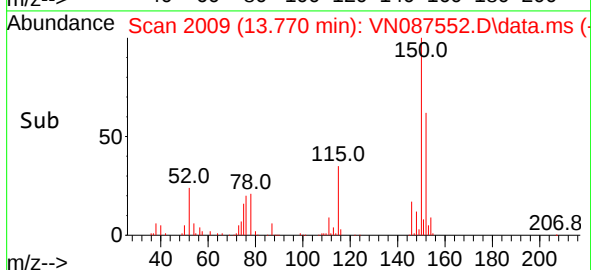
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

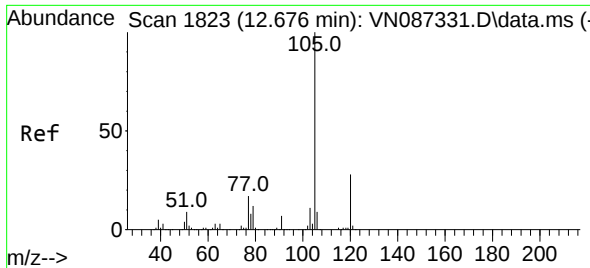


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



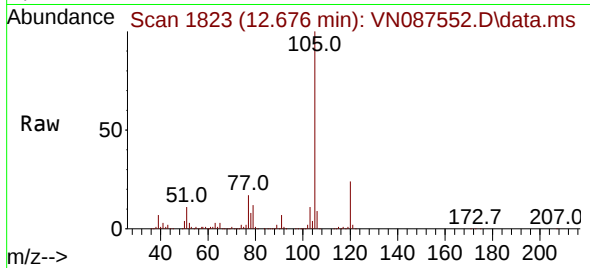
Tgt Ion:152 Resp: 255173
Ion Ratio Lower Upper
152 100
115 64.3 31.1 93.5
150 173.5 0.0 349.0





#73
Isopropylbenzene
Concen: 53.222 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

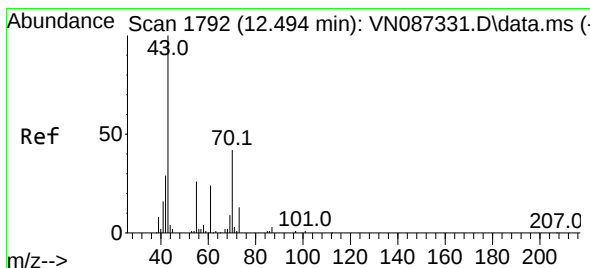
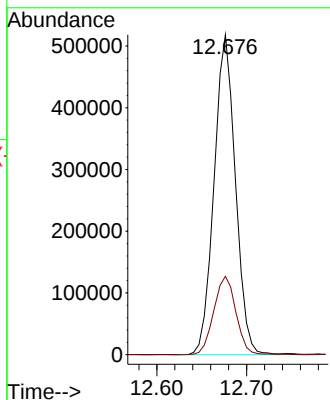
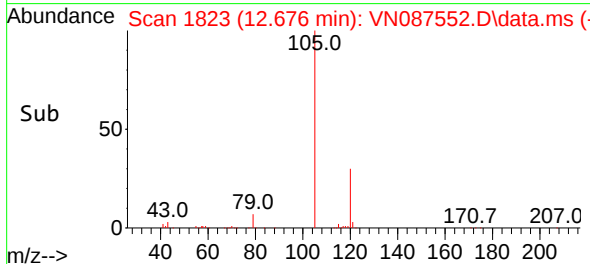
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



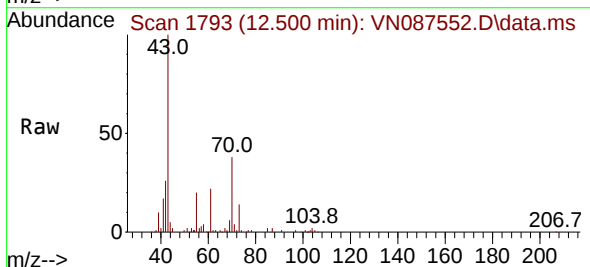
Tgt Ion:105 Resp: 85475
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

Manual Integrations
APPROVED

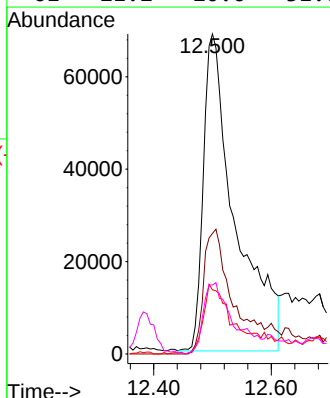
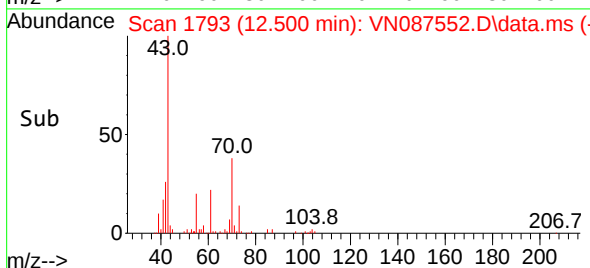
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

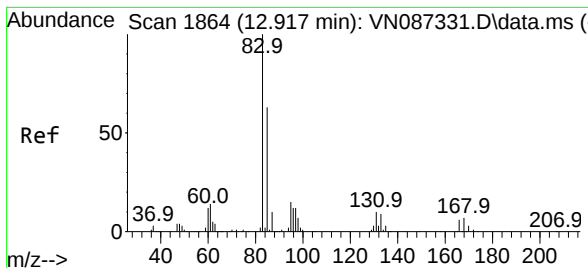


#74
N-ethyl acetate
Concen: 38.819 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



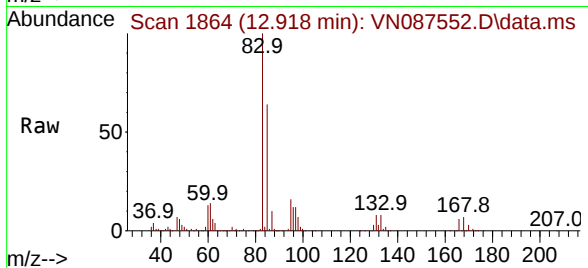
Tgt Ion: 43 Resp: 259021
Ion Ratio Lower Upper
43 100
70 36.1 37.6 56.4#
55 20.5 19.6 29.4
61 21.2 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 50.447 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

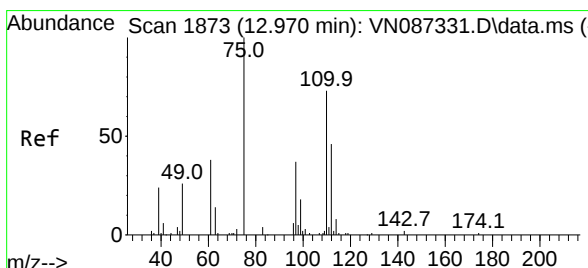
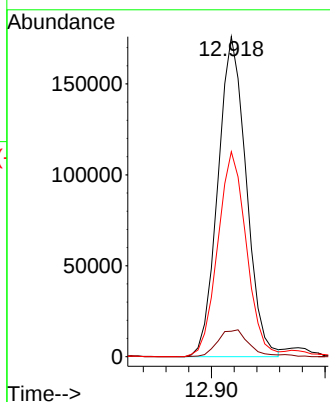
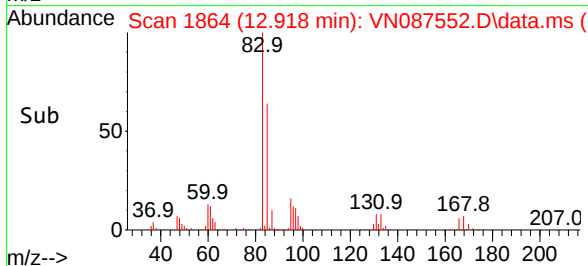
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



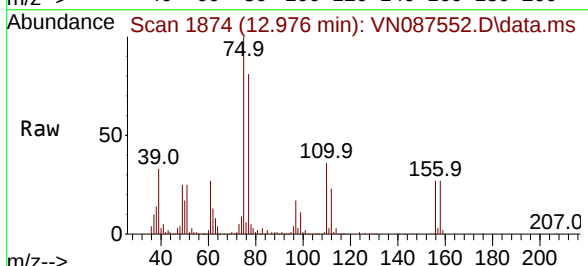
Tgt Ion: 83 Resp: 304854
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.8 32.5 97.4

Manual Integrations
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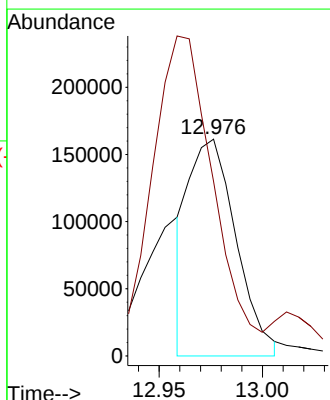
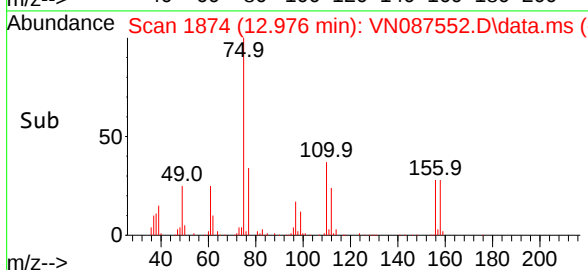
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

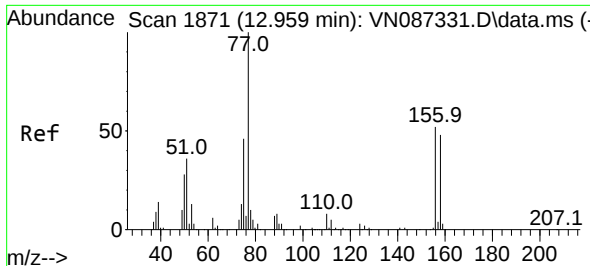


#76
1,2,3-Trichloropropane
Concen: 44.960 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



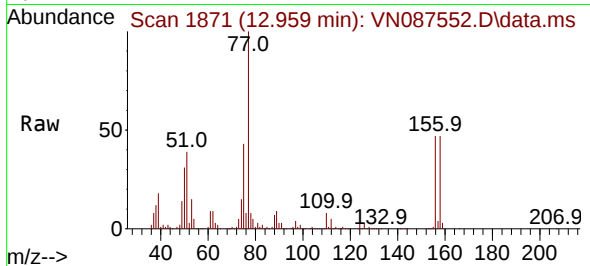
Tgt Ion: 75 Resp: 257264
Ion Ratio Lower Upper
75 100
77 193.5 94.5 283.6





#77
Bromobenzene
Concen: 48.942 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

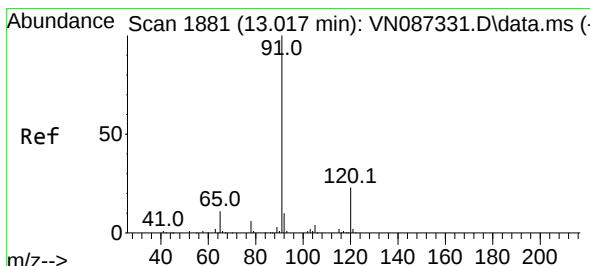
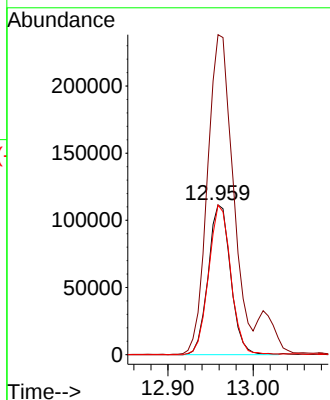
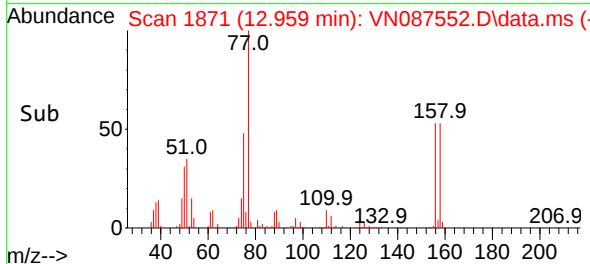
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 203849
Ion Ratio Lower Upper
156 100
77 244.2 114.9 344.6
158 98.6 48.5 145.5

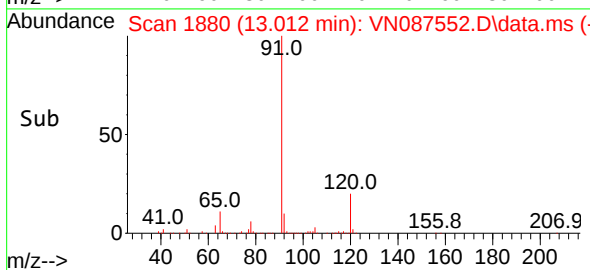
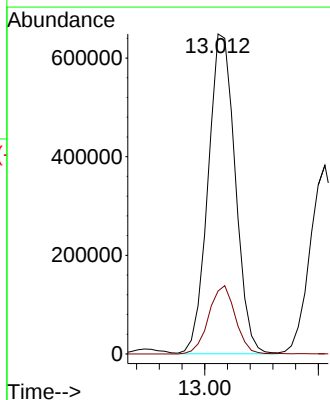
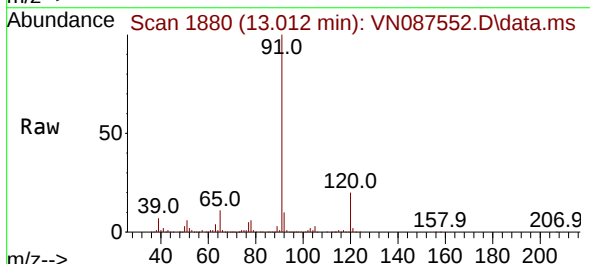
Manual Integrations
APPROVED

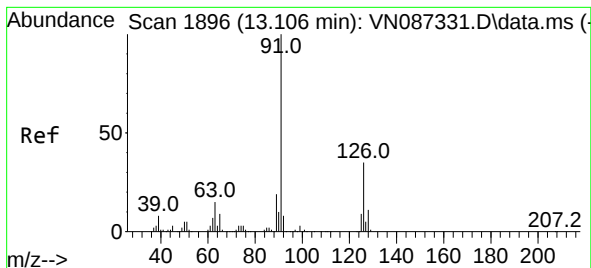
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78
n-propylbenzene
Concen: 53.447 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 91 Resp: 1079956
Ion Ratio Lower Upper
91 100
120 20.9 11.3 33.8





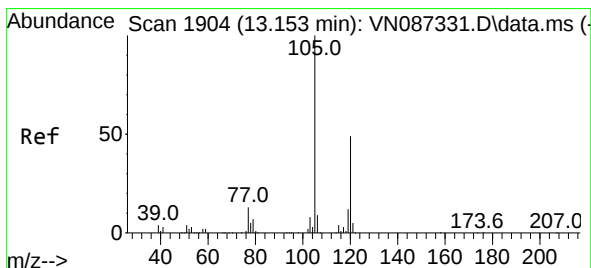
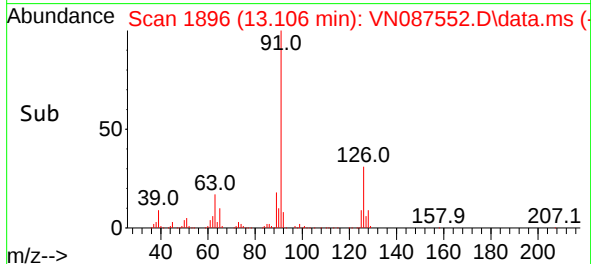
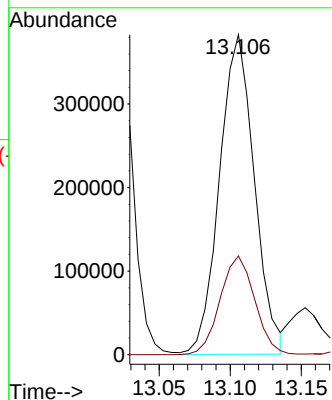
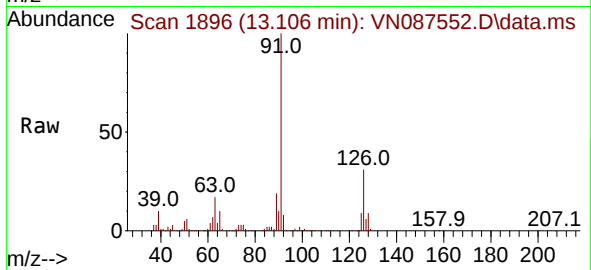
#79
2-Chlorotoluene
Concen: 52.528 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 65230
Ion Ratio Lower Upper
91 100
126 30.8 16.9 50.6

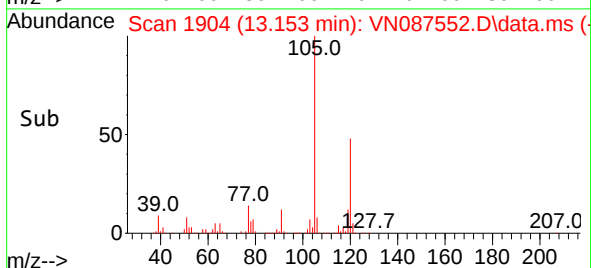
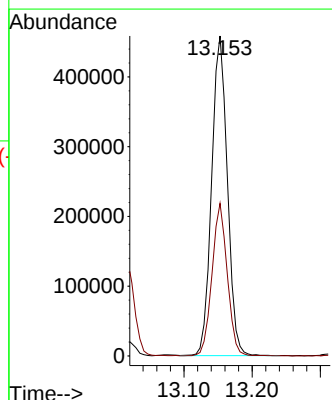
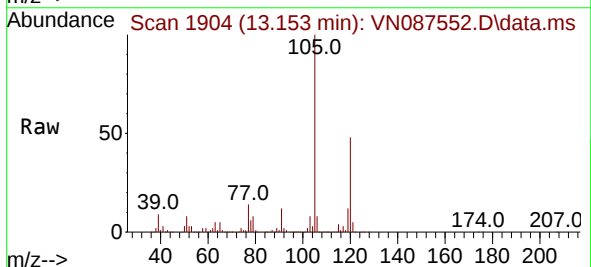
Manual Integrations
APPROVED

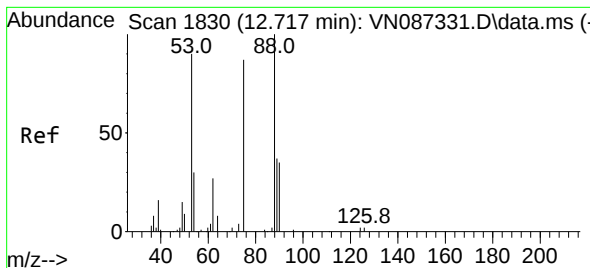
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.765 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

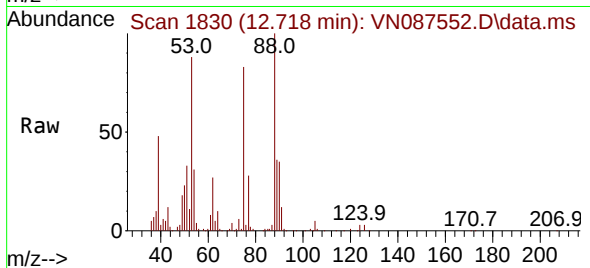
Tgt Ion:105 Resp: 735691
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.472 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

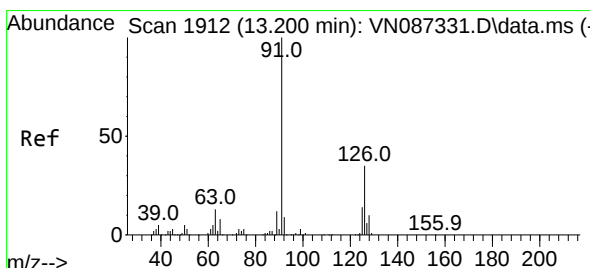
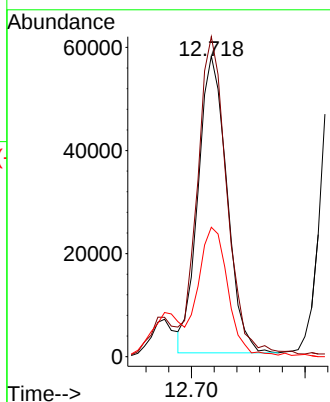
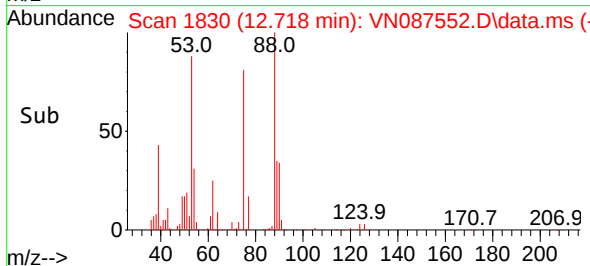
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 101369
Ion Ratio Lower Upper
75 100
53 109.0 83.5 125.3
89 43.7 38.4 57.6

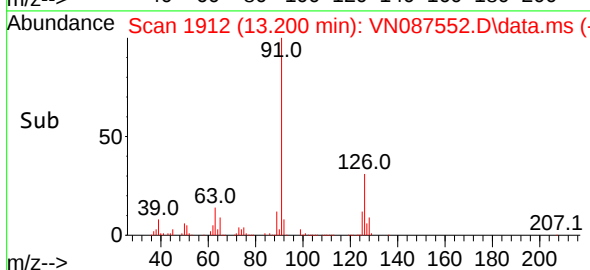
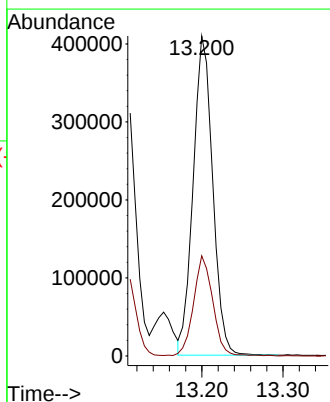
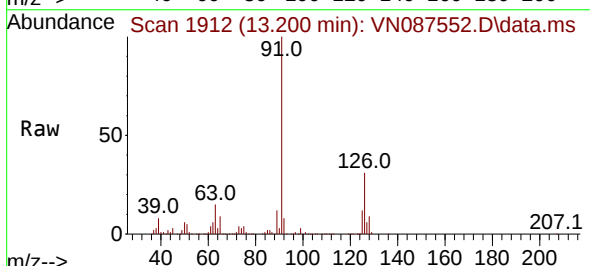
Manual Integrations
APPROVED

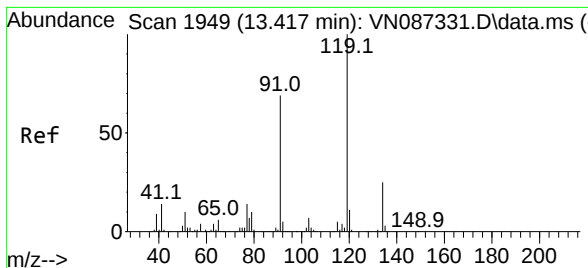
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 52.913 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 91 Resp: 684119
Ion Ratio Lower Upper
91 100
126 31.1 16.6 49.7





#83

tert-Butylbenzene

Concen: 53.713 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 613860

Ion Ratio Lower Upper

119 100

91 72.3 35.0 105.1

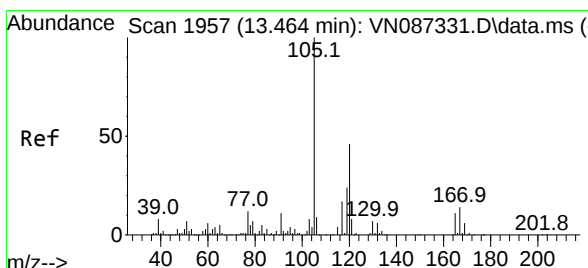
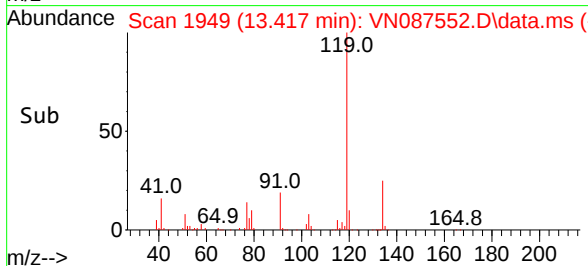
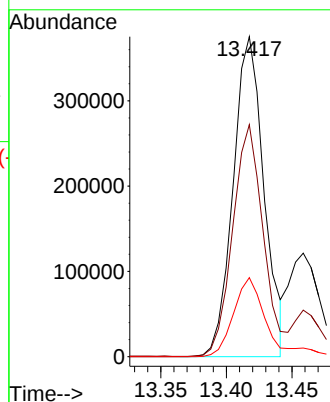
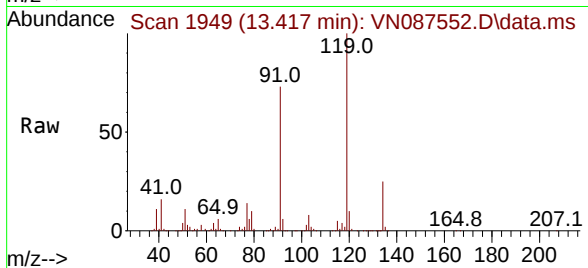
134 26.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.601 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087552.D

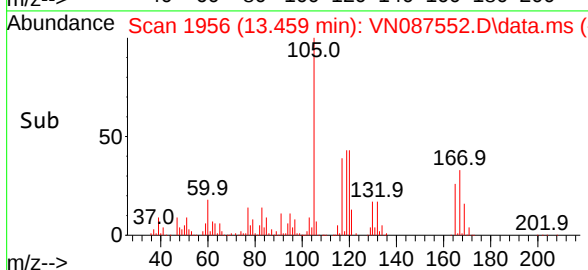
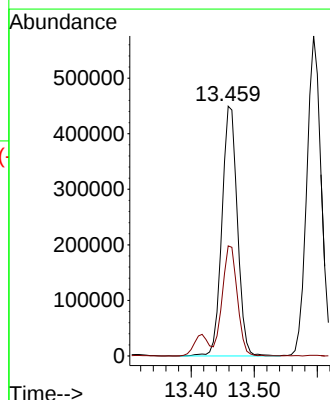
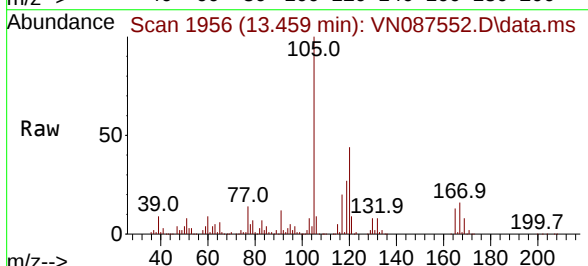
Acq: 14 Aug 2025 09:34

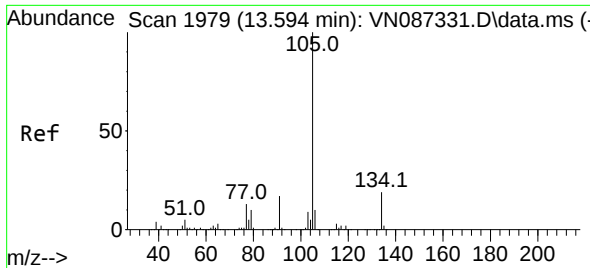
Tgt Ion:105 Resp: 762982

Ion Ratio Lower Upper

105 100

120 42.4 22.8 68.3





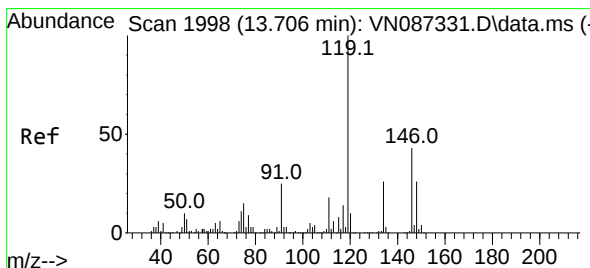
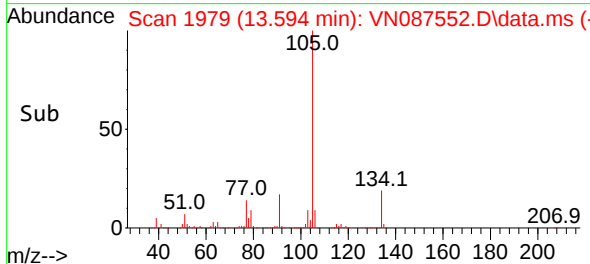
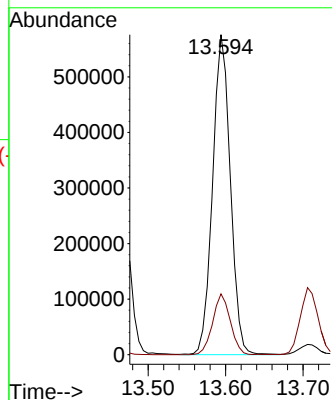
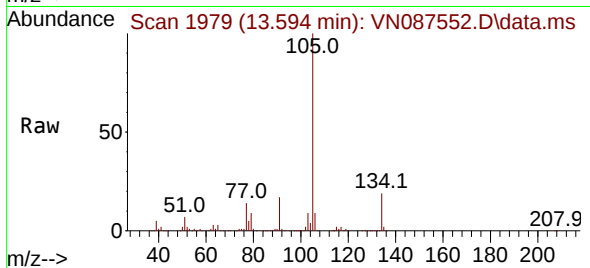
#85
 sec-Butylbenzene
 Concen: 53.157 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 915060
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

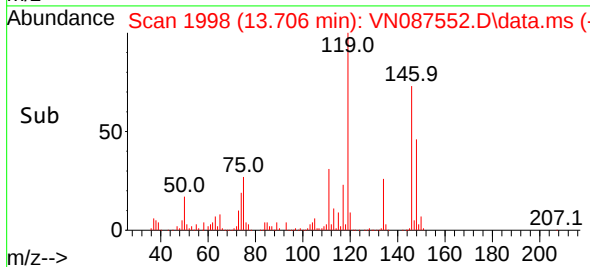
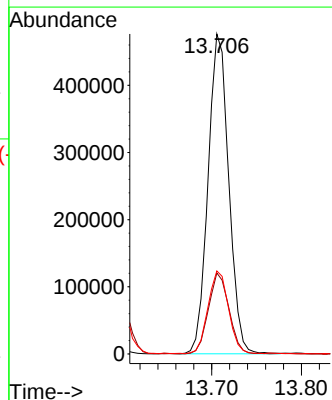
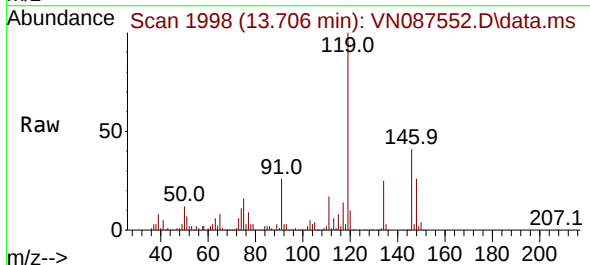
Manual Integrations
 APPROVED

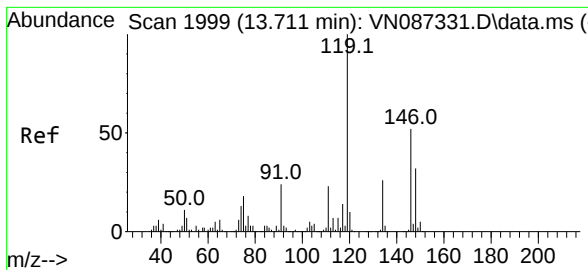
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 55.271 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087552.D
 Acq: 14 Aug 2025 09:34

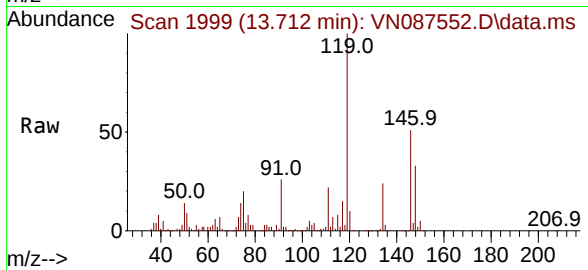
Tgt Ion:119 Resp: 762503
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.5 40.5
 91 25.5 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 48.835 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

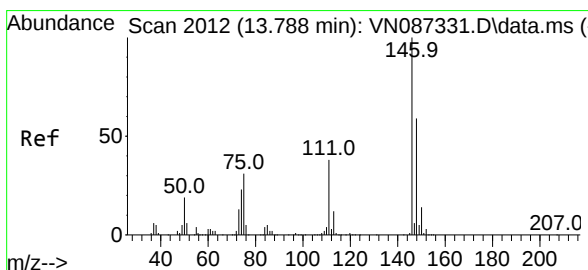
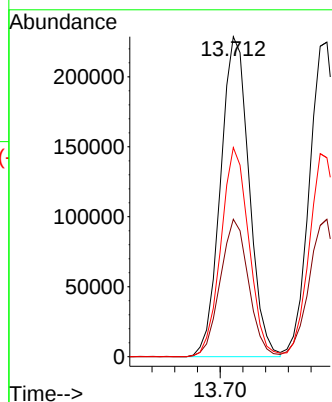
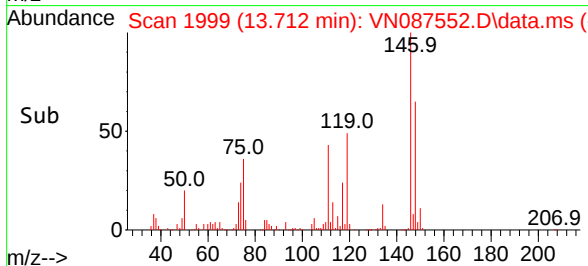
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



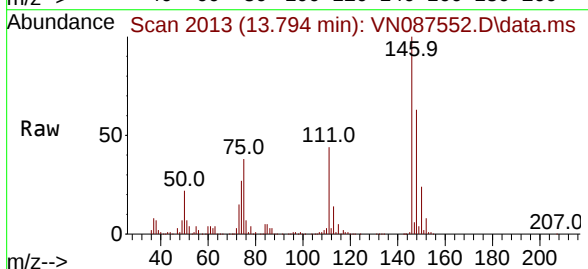
Tgt Ion:146 Resp: 39919
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.9 31.6 95.0

Manual Integrations
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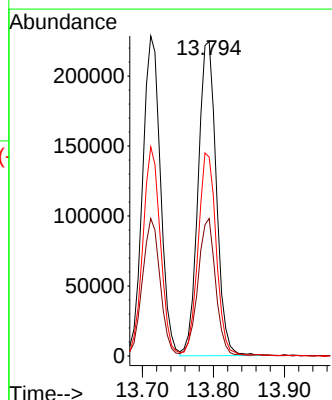
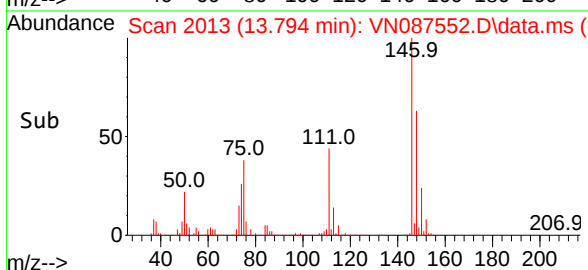
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025

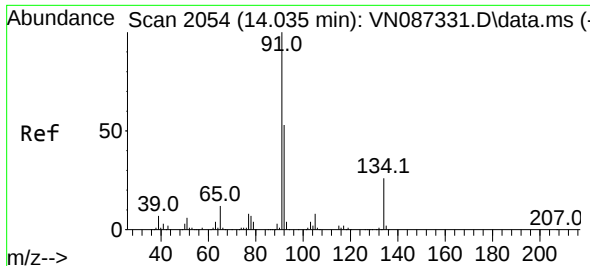


#88
1,4-Dichlorobenzene
Concen: 45.893 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34



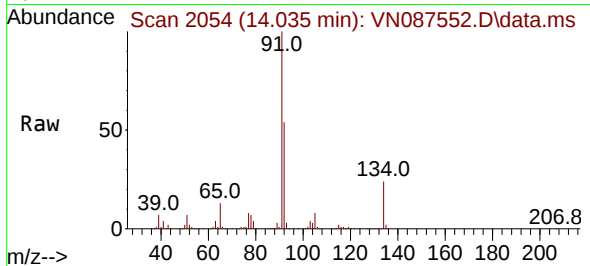
Tgt Ion:146 Resp: 400669
Ion Ratio Lower Upper
146 100
111 42.1 19.6 58.7
148 63.8 31.4 94.0





#89
n-Butylbenzene
Concen: 55.909 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

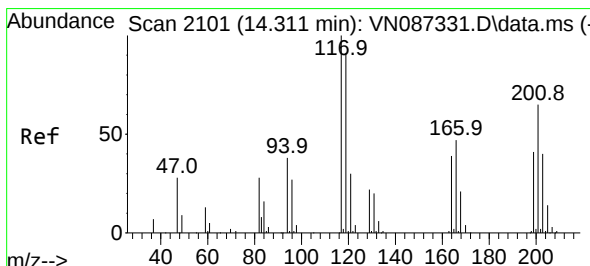
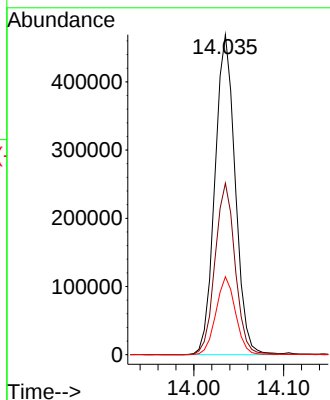
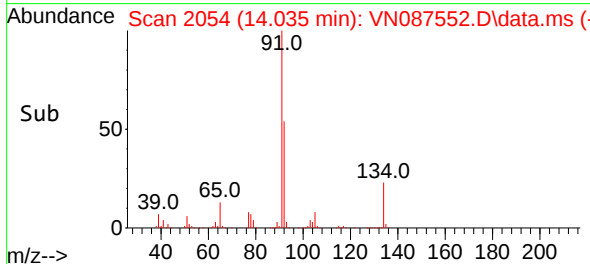
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 73649
Ion Ratio Lower Upper
91 100
92 53.2 26.2 78.6
134 23.5 12.4 37.2

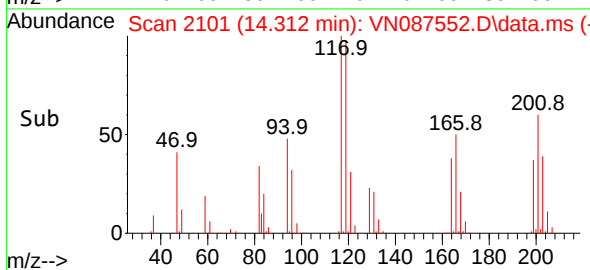
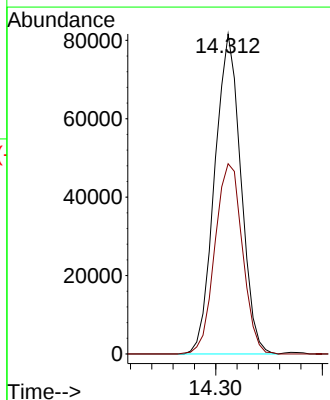
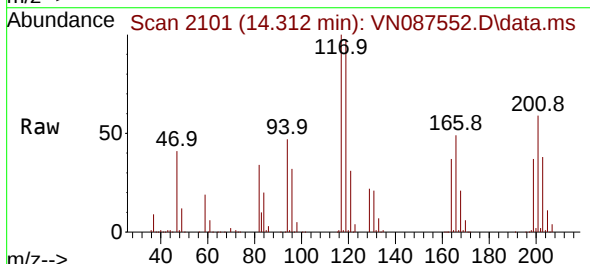
Manual Integrations
APPROVED

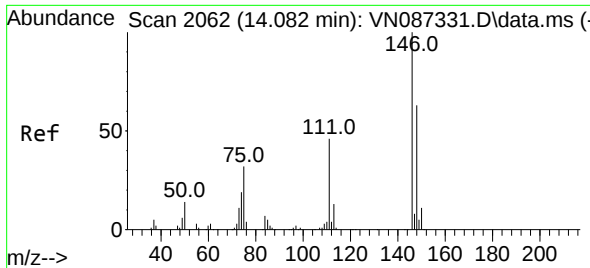
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 47.677 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion:117 Resp: 139358
Ion Ratio Lower Upper
117 100
201 62.5 32.8 98.4





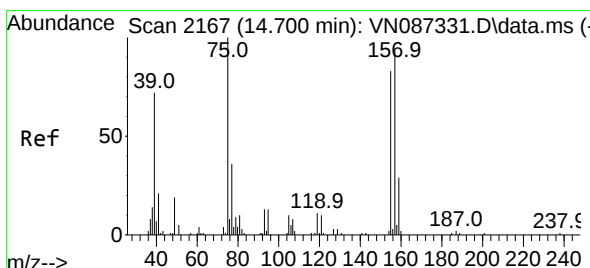
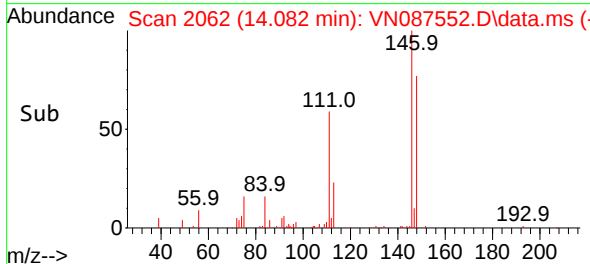
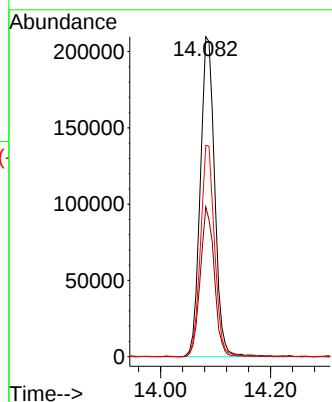
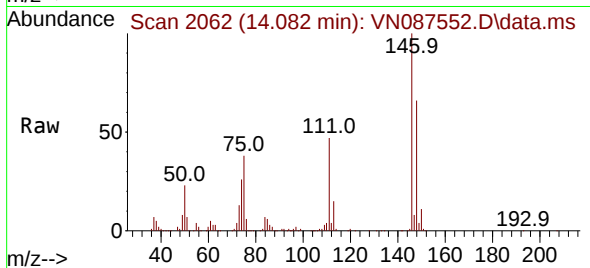
#91
1,2-Dichlorobenzene
Concen: 49.316 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 38191
Ion Ratio Lower Upper
146 100
111 45.7 22.0 66.0
148 64.3 32.7 98.1

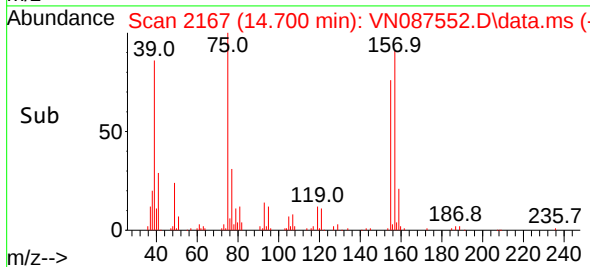
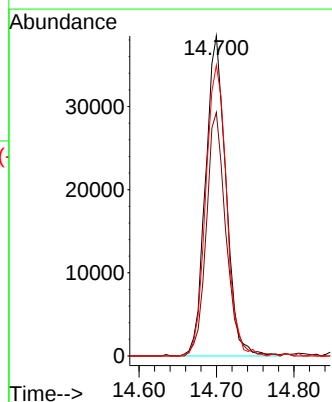
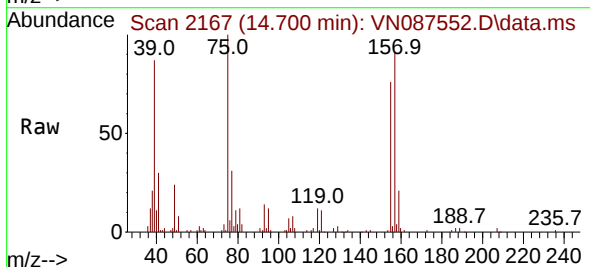
Manual Integrations
APPROVED

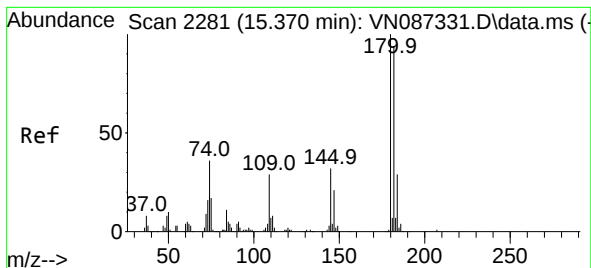
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.360 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087552.D
Acq: 14 Aug 2025 09:34

Tgt Ion: 75 Resp: 70382
Ion Ratio Lower Upper
75 100
155 73.3 37.3 111.8
157 92.7 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 49.866 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087552.D

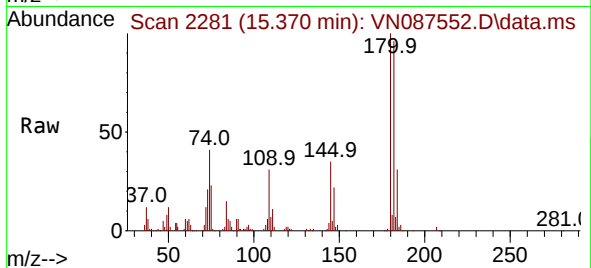
Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 226838

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

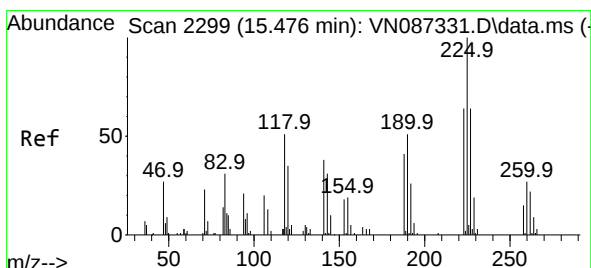
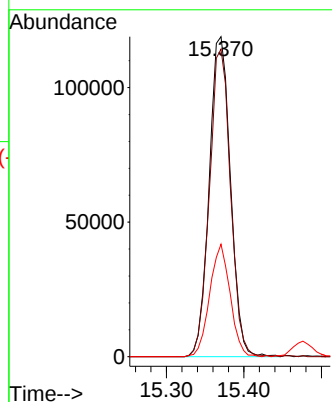
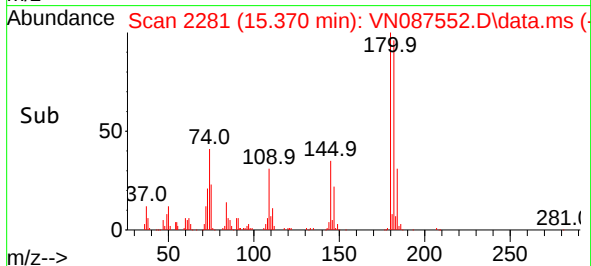
145 33.8 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

Concen: 48.630 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

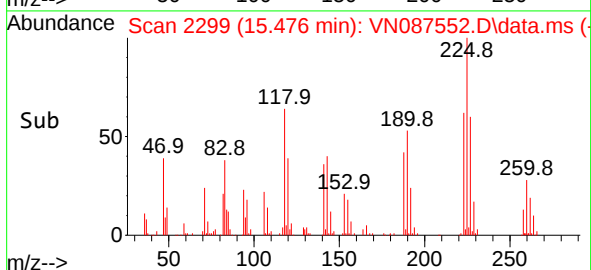
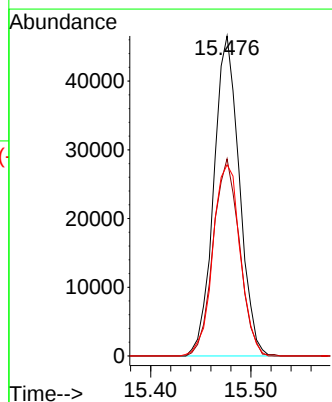
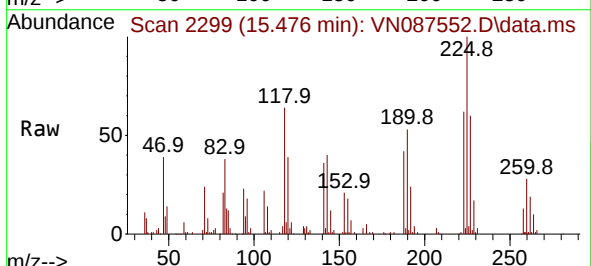
Tgt Ion:225 Resp: 82198

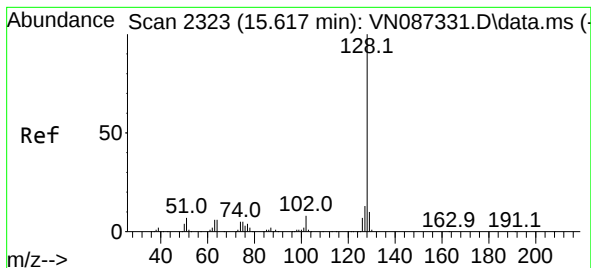
Ion Ratio Lower Upper

225 100

223 63.6 32.1 96.3

227 64.0 31.3 93.9





#95

Naphthalene

Concen: 52.059 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

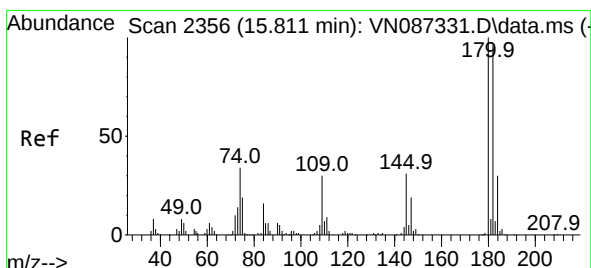
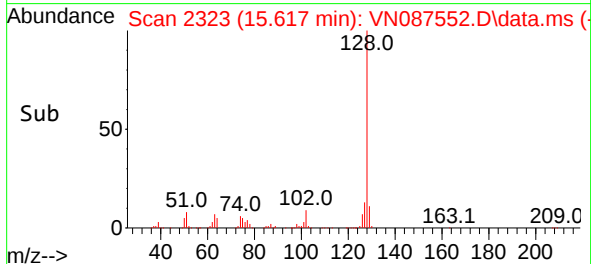
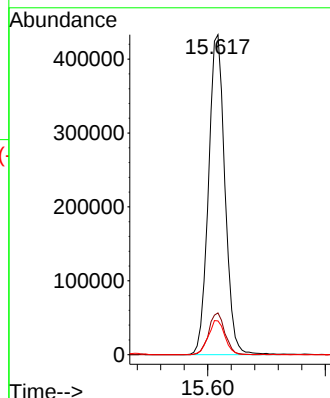
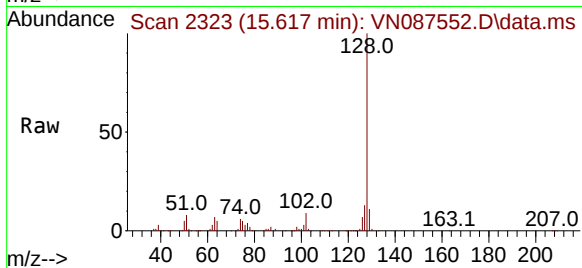
Tgt Ion:128	Resp: 83895
Ion Ratio	Lower Upper
128 100	
127 12.9	10.5 15.7
129 10.8	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.298 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087552.D

Acq: 14 Aug 2025 09:34

Tgt Ion:180	Resp: 220386
Ion Ratio	Lower Upper
180 100	
182 96.4	47.1 141.4
145 36.0	16.9 50.6

