

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087550.D
 Acq On : 13 Aug 2025 20:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 04:09:24 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 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	245167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	486338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	450820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	248852	59.821	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.640%			
35) Dibromofluoromethane	8.153	113	172277	51.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.547	98	618991	51.726	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.829	95	241108	54.535	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	155035	59.538	ug/l	95
3) Chloromethane	2.383	50	163833	50.032	ug/l	100
4) Vinyl Chloride	2.542	62	180114	55.348	ug/l	97
5) Bromomethane	2.971	94	90855	53.913	ug/l	97
6) Chloroethane	3.136	64	120415	56.739	ug/l	97
7) Trichlorofluoromethane	3.506	101	267255	55.539	ug/l	97
8) Diethyl Ether	3.965	74	115723	61.996	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	137553	55.685	ug/l	95
10) Methyl Iodide	4.583	142	90476	37.224	ug/l	95
11) Tert butyl alcohol	5.524	59	234452	296.817	ug/l	99
12) 1,1-Dichloroethene	4.336	96	143182	51.151	ug/l	99
13) Acrolein	4.177	56	161547	254.845	ug/l	97
14) Allyl chloride	5.018	41	273914	54.071	ug/l	91
15) Acrylonitrile	5.712	53	590416	275.452	ug/l	98
16) Acetone	4.424	43	546544	280.209	ug/l	99
17) Carbon Disulfide	4.706	76	378807	45.645	ug/l #	94
18) Methyl Acetate	5.024	43	317434	64.777	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	634061	61.454	ug/l	95
20) Methylene Chloride	5.265	84	180699	54.865	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	160090	50.722	ug/l	97
22) Diisopropyl ether	6.665	45	655489	61.686	ug/l	96
23) Vinyl Acetate	6.594	43	2971038	319.688	ug/l	100
24) 1,1-Dichloroethane	6.559	63	337564	55.063	ug/l	97
25) 2-Butanone	7.471	43	871627	289.223	ug/l	98
26) 2,2-Dichloropropane	7.471	77	241511	50.670	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	208085	57.264	ug/l	98
28) Bromochloromethane	7.800	49	169460	57.757	ug/l	92
29) Tetrahydrofuran	7.830	42	570924	291.618	ug/l	99
30) Chloroform	7.953	83	358392	58.406	ug/l	97
31) Cyclohexane	8.241	56	273373	53.454	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	302907	56.994	ug/l	98
36) 1,1-Dichloropropene	8.353	75	228709	51.601	ug/l	98
37) Ethyl Acetate	7.553	43	334699	52.287	ug/l	98
38) Carbon Tetrachloride	8.347	117	238521	48.852	ug/l	93
39) Methylcyclohexane	9.582	83	252032	52.523	ug/l	97
40) Benzene	8.588	78	743439	51.898	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	186675	55.773	ug/l	98
42) 1,2-Dichloroethane	8.653	62	288365	53.083	ug/l	99
43) Isopropyl Acetate	8.677	43	554029	55.755	ug/l	98
44) Trichloroethene	9.335	130	161391	47.681	ug/l	90
45) 1,2-Dichloropropane	9.606	63	194066	53.317	ug/l	94
46) Dibromomethane	9.694	93	142137	52.156	ug/l	95
47) Bromodichloromethane	9.871	83	294731	53.692	ug/l	100
48) Methyl methacrylate	9.665	41	257764	57.621	ug/l	93
49) 1,4-Dioxane	9.682	88	76282	1113.351	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	1748540	278.217	ug/l	97
52) Toluene	10.612	92	461646	53.020	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	299998	54.001	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	308834	53.818	ug/l #	88
55) 1,1,2-Trichloroethane	11.000	97	188410	53.449	ug/l	92
56) Ethyl methacrylate	10.859	69	323701	54.407	ug/l #	91
57) 1,3-Dichloropropane	11.141	76	328207	53.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	895877	309.815	ug/l	98
59) 2-Hexanone	11.176	43	1225754	293.966	ug/l	98
60) Dibromochloromethane	11.341	129	207940	51.725	ug/l	99
61) 1,2-Dibromoethane	11.447	107	193407	52.182	ug/l	99
64) Tetrachloroethene	11.082	164	131930	45.470	ug/l	96
65) Chlorobenzene	11.871	112	506144	50.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	177174	51.480	ug/l	99
67) Ethyl Benzene	11.947	91	897547	53.868	ug/l	97
68) m/p-Xylenes	12.053	106	664441	106.493	ug/l	92
69) o-Xylene	12.376	106	330454	55.446	ug/l	96
70) Styrene	12.394	104	573909	57.242	ug/l	98
71) Bromoform	12.559	173	134184	48.261	ug/l #	99
73) Isopropylbenzene	12.676	105	842735	57.718	ug/l	97
74) N-amyl acetate	12.500	43	293417	48.368	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.918	83	301616	54.899	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	295250m	56.756	ug/l	
77) Bromobenzene	12.959	156	201556	53.228	ug/l	94
78) n-propylbenzene	13.018	91	1038517	56.533	ug/l	98
79) 2-Chlorotoluene	13.106	91	633431	56.106	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	724306	58.223	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	94055	49.470	ug/l	93
82) 4-Chlorotoluene	13.200	91	648270	55.152	ug/l	98
83) tert-Butylbenzene	13.418	119	607239	58.444	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	735833	57.921	ug/l	96
85) sec-Butylbenzene	13.594	105	893124	57.067	ug/l	98
86) p-Isopropyltoluene	13.706	119	737348	58.790	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	385143	51.824	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	395790	49.865	ug/l	98
89) n-Butylbenzene	14.035	91	718085	59.960	ug/l	99
90) Hexachloroethane	14.312	117	137970	51.920	ug/l	92
91) 1,2-Dichlorobenzene	14.088	146	376258	53.442	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	71749	49.742	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	218738	52.891	ug/l	99
94) Hexachlorobutadiene	15.476	225	77486	50.424	ug/l	98
95) Naphthalene	15.617	128	827674	56.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	211626	51.013	ug/l	97

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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

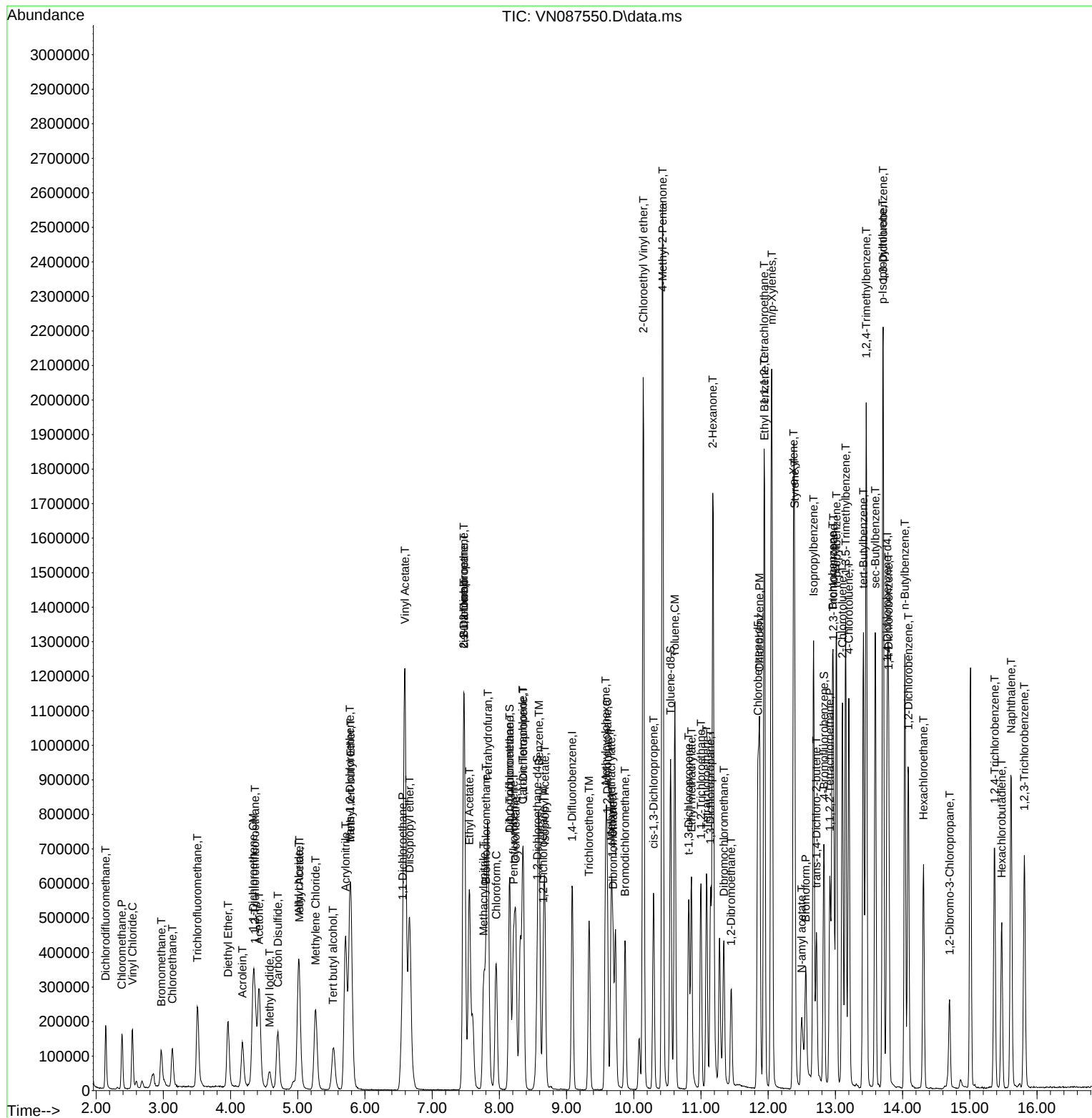
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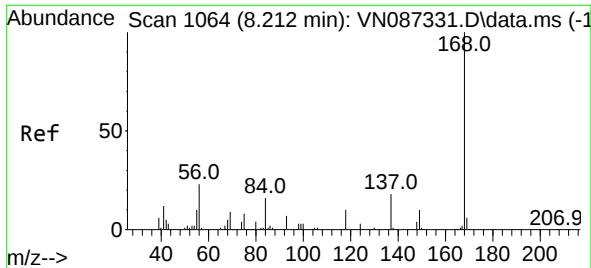
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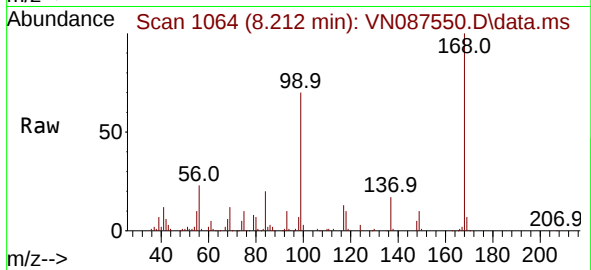
Reviewed By :John Carlone 08/14/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087550.D
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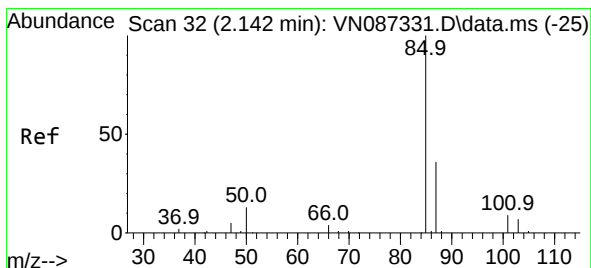
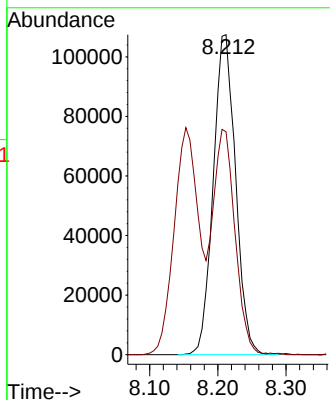
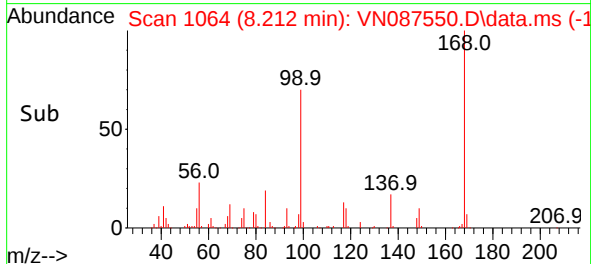
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Tgt Ion:168 Resp: 24516
Ion Ratio Lower Upper
168 100
99 69.2 47.9 71.9

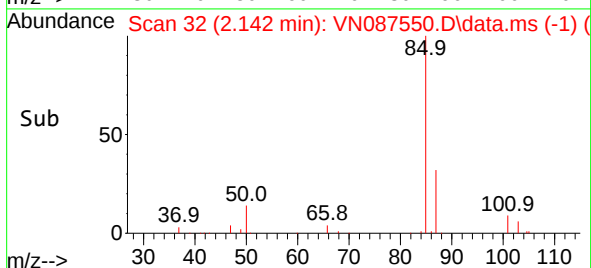
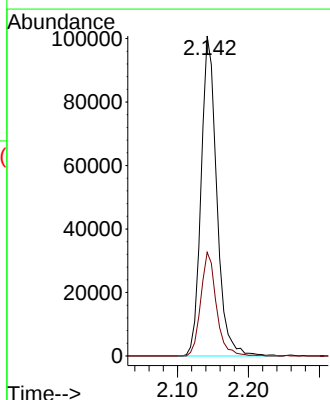
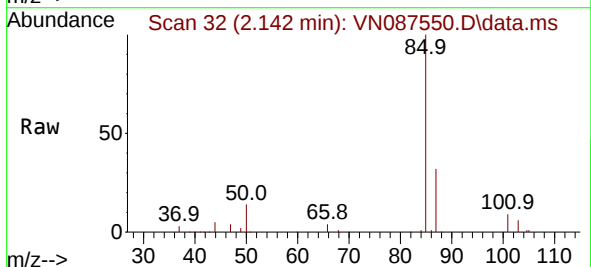
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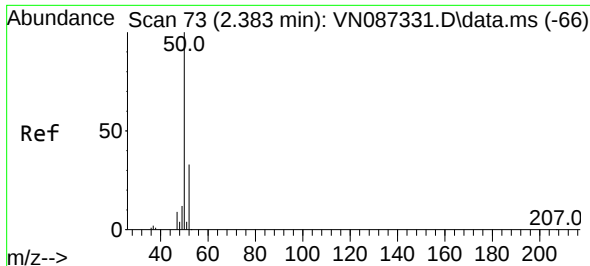
Reviewed By :John Carlone 08/14/2025
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#2
Dichlorodifluoromethane
Concen: 59.538 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

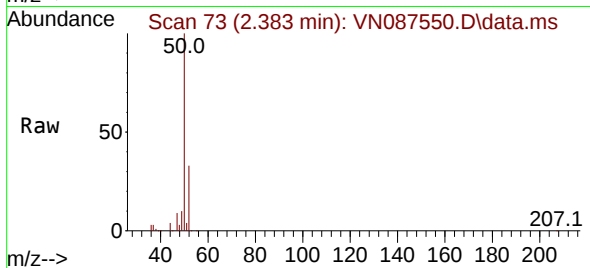
Tgt Ion: 85 Resp: 155035
Ion Ratio Lower Upper
85 100
87 32.4 17.8 53.3





#3
Chloromethane
Concen: 50.032 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

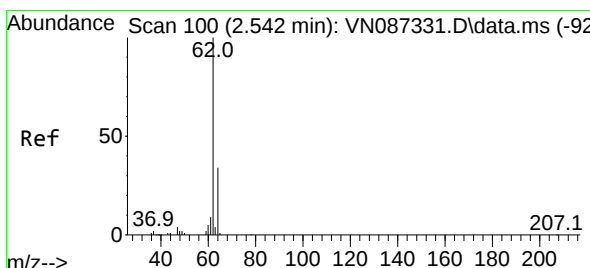
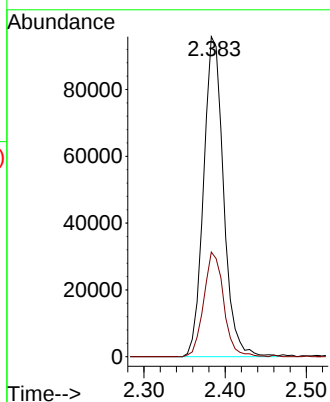
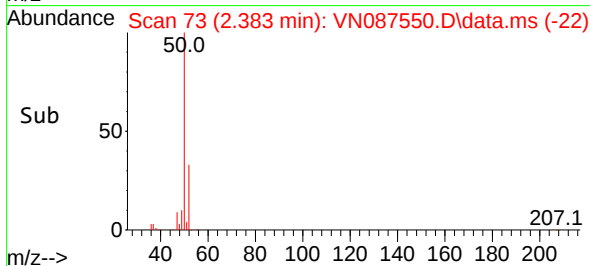
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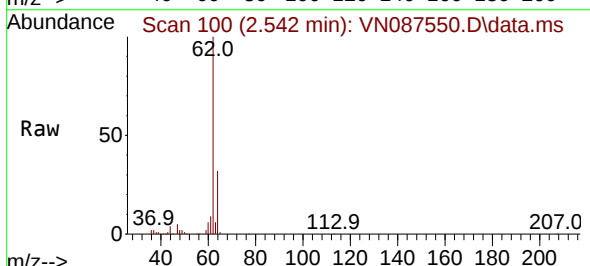
Tgt Ion: 50 Resp: 16383
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

Manual Integrations
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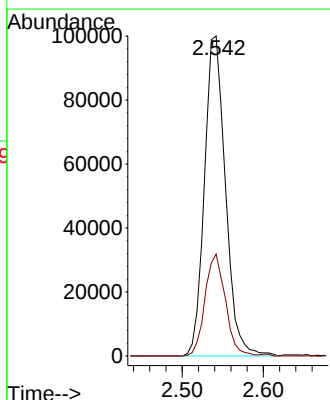
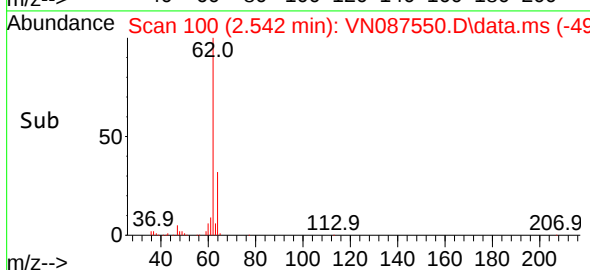
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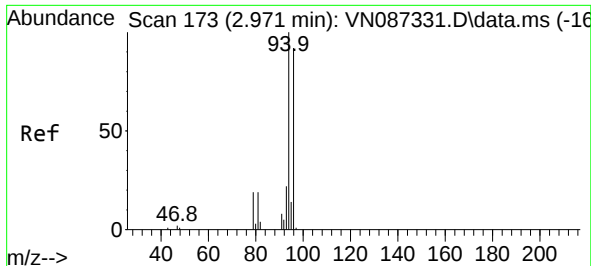


#4
Vinyl Chloride
Concen: 55.348 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



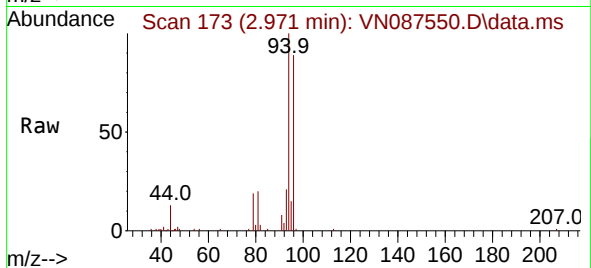
Tgt Ion: 62 Resp: 180114
Ion Ratio Lower Upper
62 100
64 31.8 27.0 40.6





#5
Bromomethane
Concen: 53.913 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087550.D
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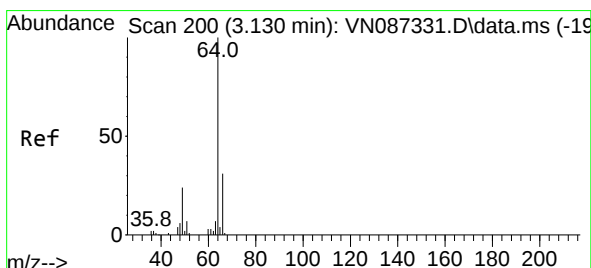
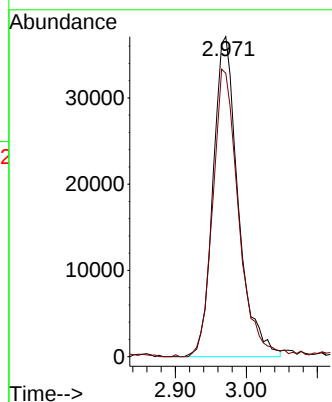
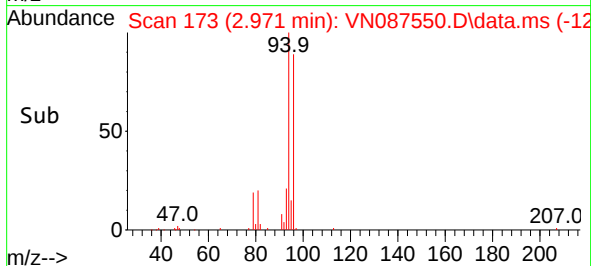
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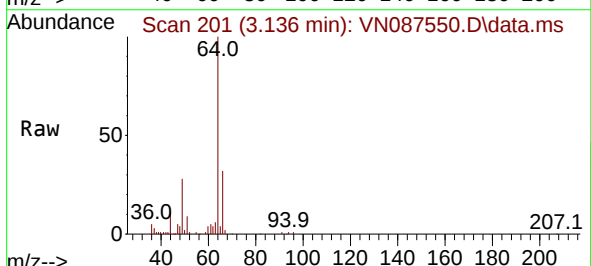
Tgt Ion: 94 Resp: 9085
Ion Ratio Lower Upper
94 100
96 88.5 73.4 110.2

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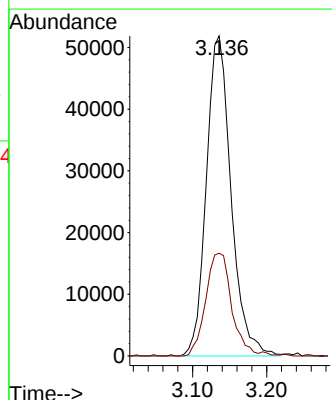
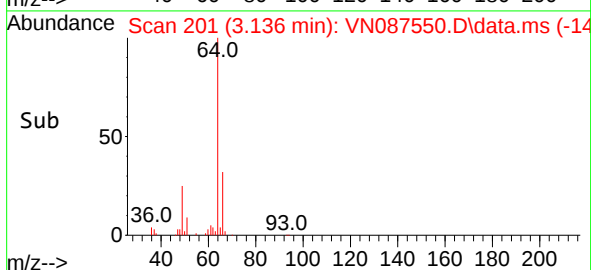
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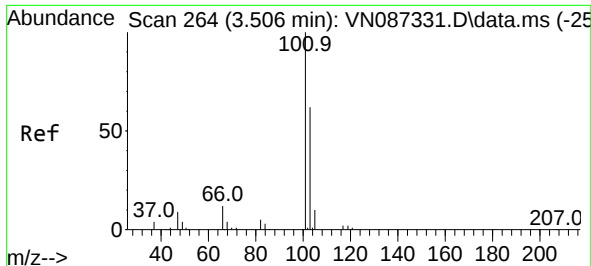


#6
Chloroethane
Concen: 56.739 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



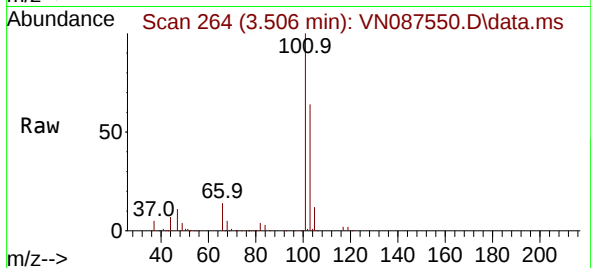
Tgt Ion: 64 Resp: 120415
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 55.539 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

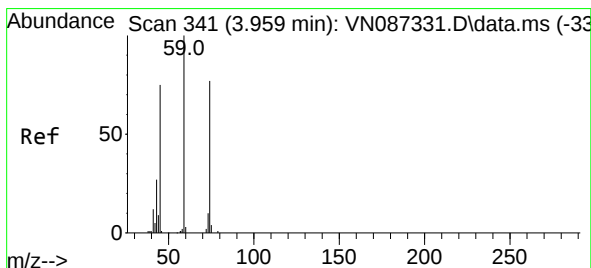
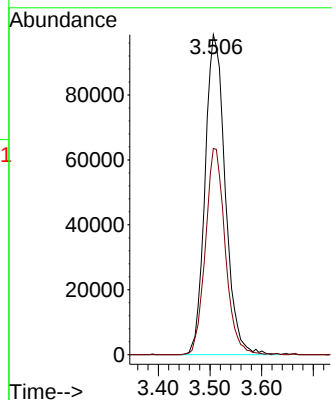
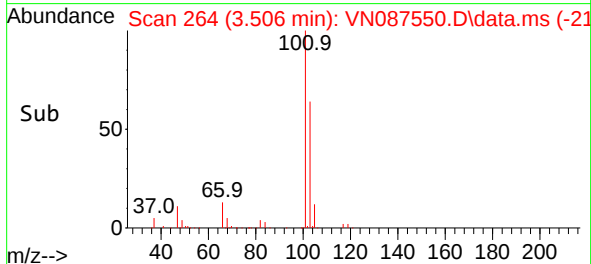
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Tgt Ion: 101 Resp: 26725
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.8 74.6

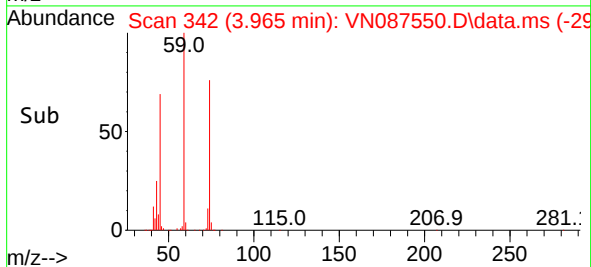
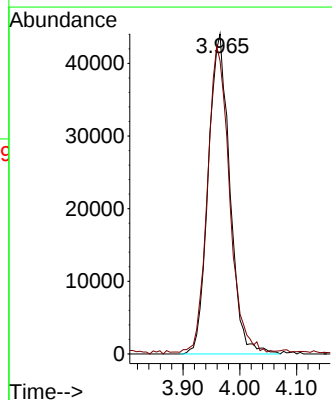
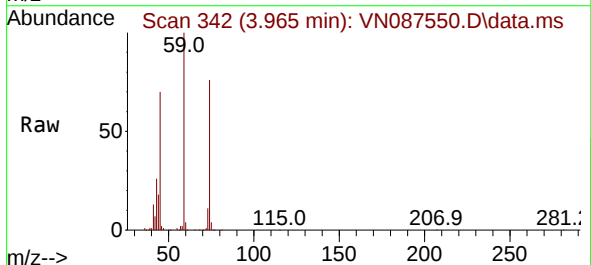
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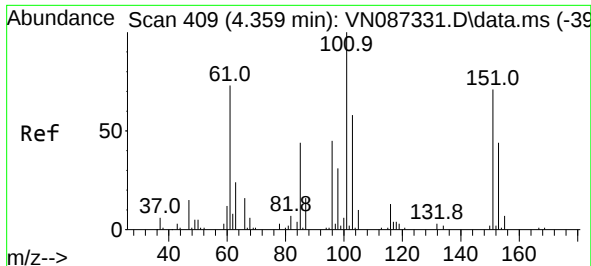
Reviewed By : John Carlone 08/14/2025
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#8
 Diethyl Ether
 Concen: 61.996 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

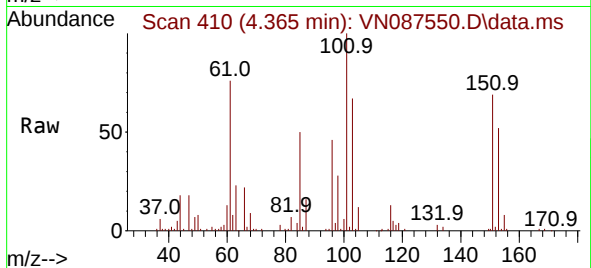
Tgt Ion: 74 Resp: 115723
 Ion Ratio Lower Upper
 74 100
 45 97.5 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.685 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

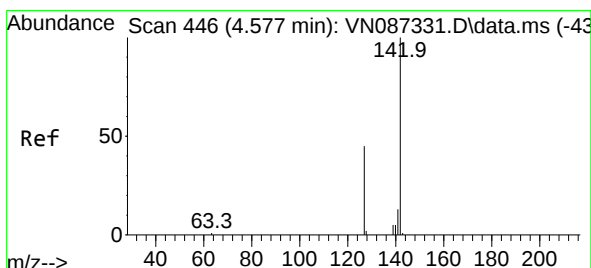
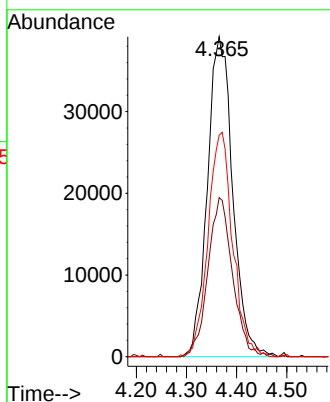
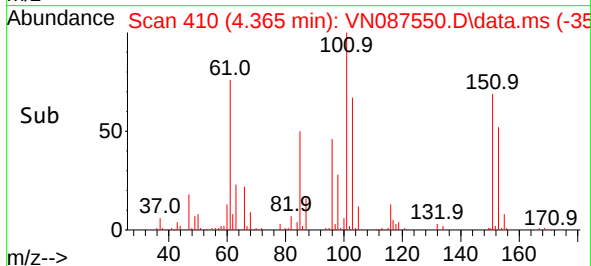
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 13755
Ion Ratio Lower Upper
101 100
85 48.4 37.3 55.9
151 68.3 58.9 88.3

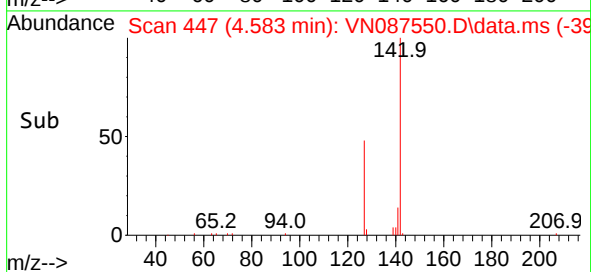
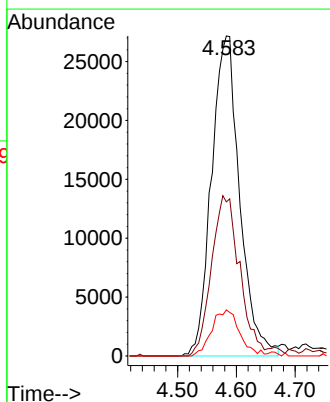
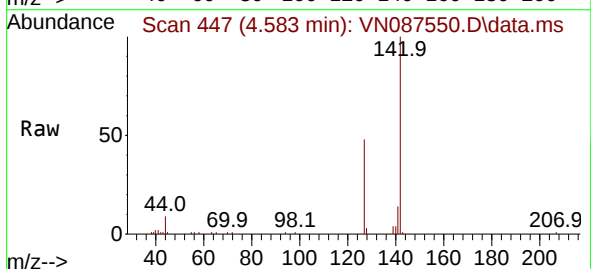
Manual Integrations
APPROVED

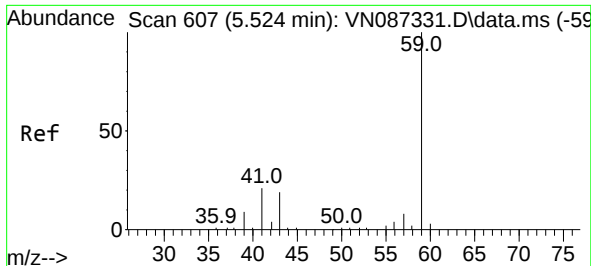
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 37.224 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

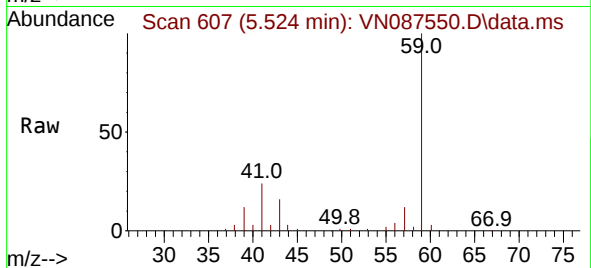
Tgt Ion:142 Resp: 90476
Ion Ratio Lower Upper
142 100
127 48.2 35.7 53.5
141 14.4 10.4 15.6





#11
Tert butyl alcohol
Concen: 296.817 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

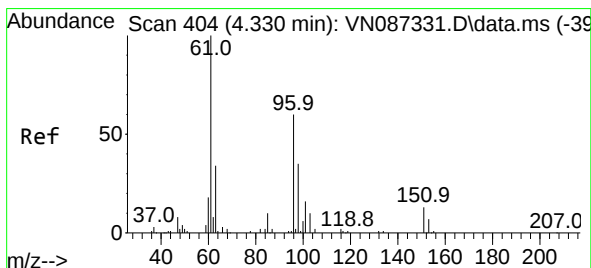
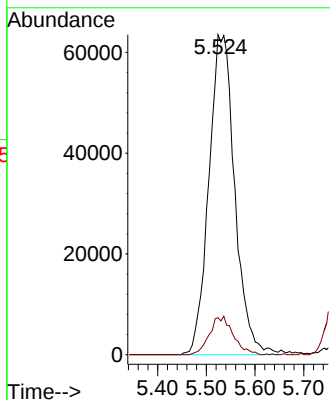
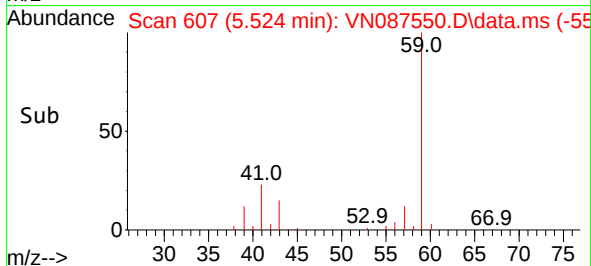
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



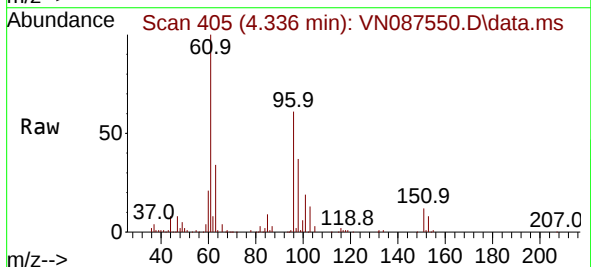
Tgt Ion: 59 Resp: 234452
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
APPROVED

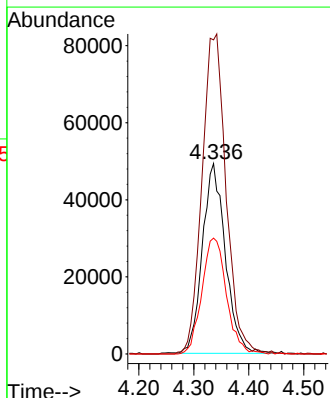
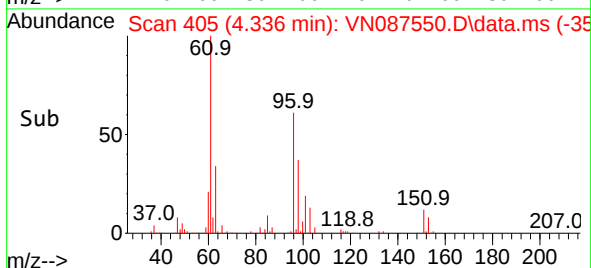
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

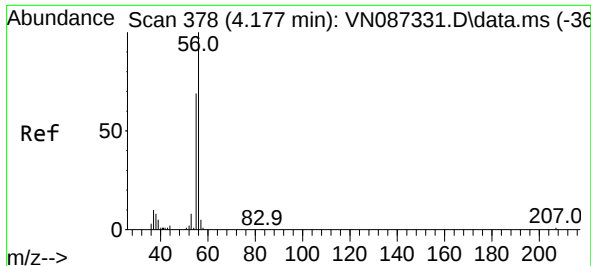


#12
1,1-Dichloroethene
Concen: 51.151 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



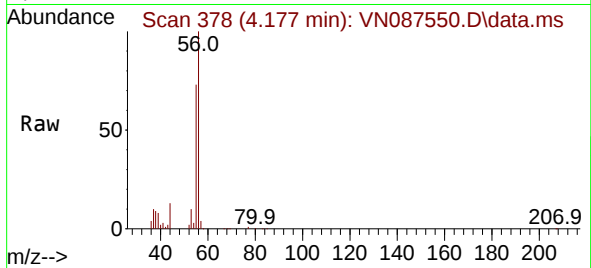
Tgt Ion: 96 Resp: 143182
Ion Ratio Lower Upper
96 100
61 165.0 132.3 198.5
98 61.1 46.8 70.2





#13
Acrolein
Concen: 254.845 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

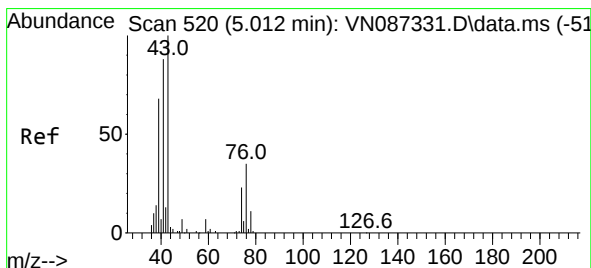
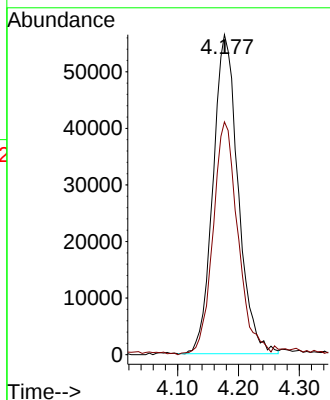
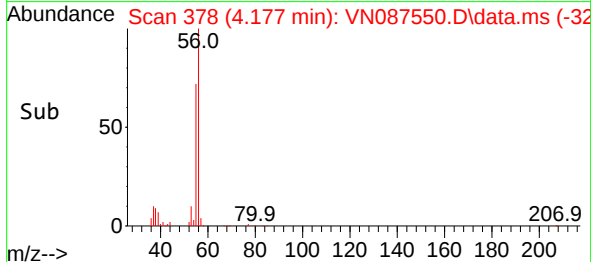
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16154
Ion Ratio Lower Upper
56 100
55 72.5 56.2 84.4

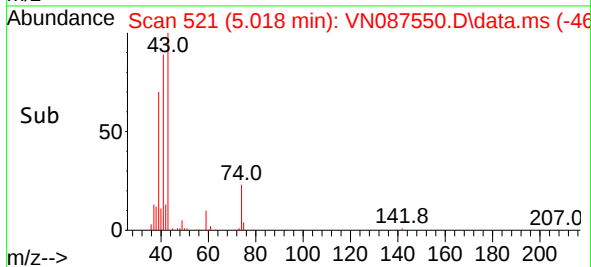
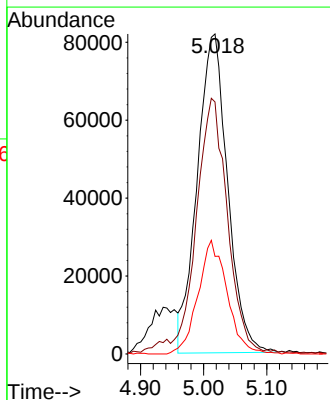
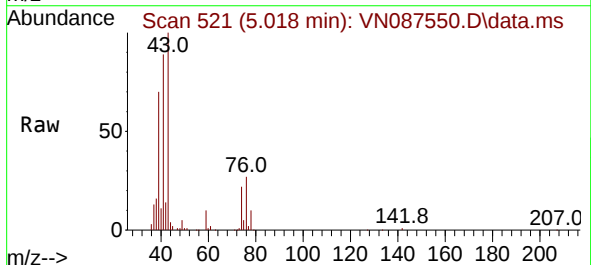
Manual Integrations
APPROVED

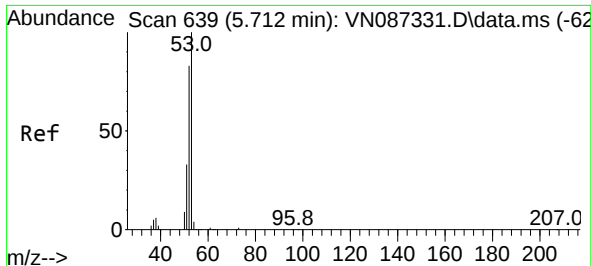
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 54.071 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

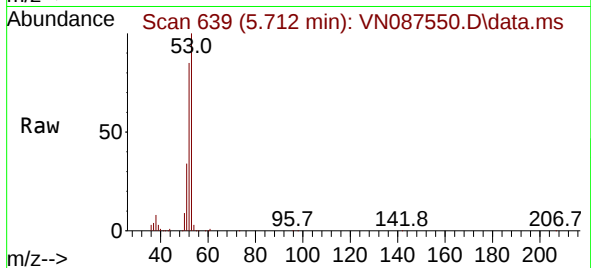
Tgt Ion: 41 Resp: 273914
Ion Ratio Lower Upper
41 100
39 84.4 59.0 88.6
76 34.2 28.7 43.1





#15
Acrylonitrile
Concen: 275.452 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

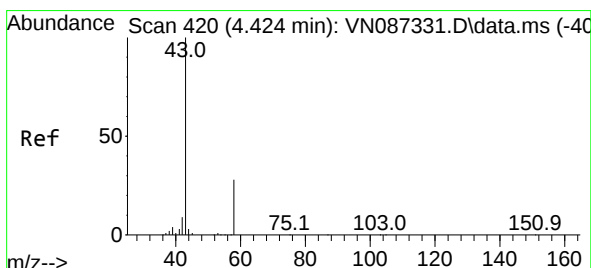
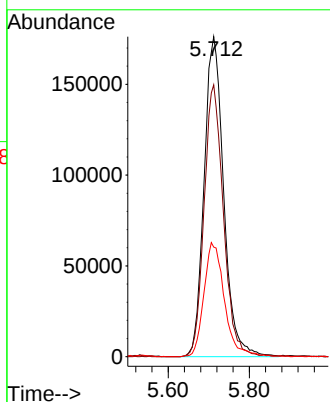
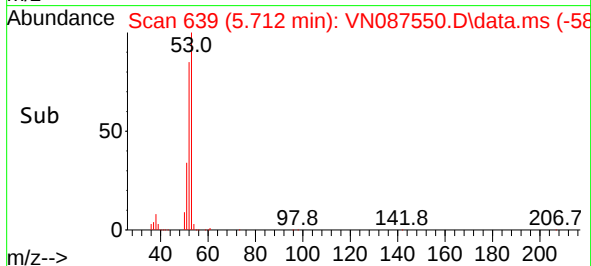
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



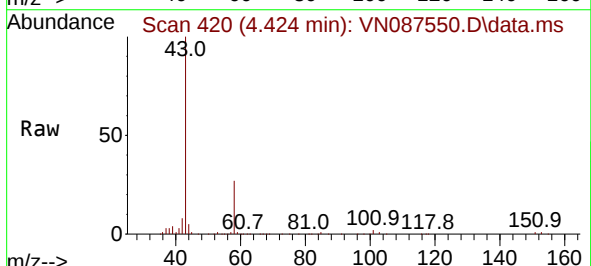
Tgt Ion: 53 Resp: 590410
Ion Ratio Lower Upper
53 100
52 83.5 65.5 98.3
51 37.3 28.7 43.1

Manual Integrations
APPROVED

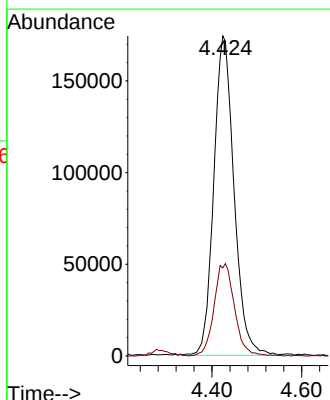
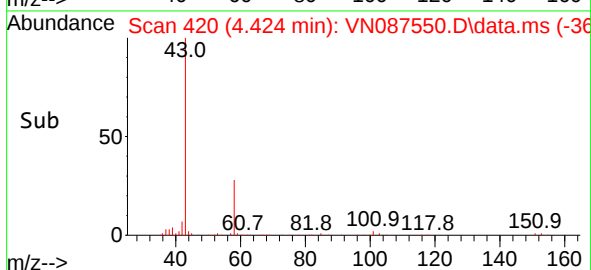
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

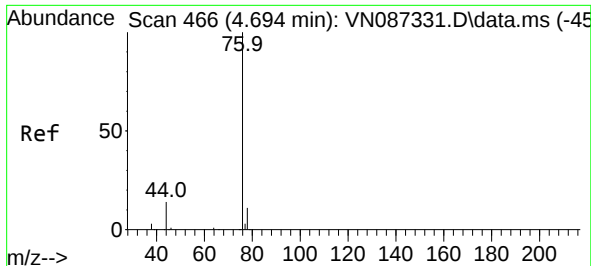


#16
Acetone
Concen: 280.209 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



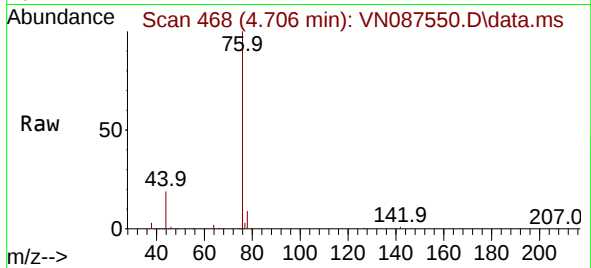
Tgt Ion: 43 Resp: 546544
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5





#17
Carbon Disulfide
Concen: 45.645 ug/l
RT: 4.706 min Scan# 466
Delta R.T. 0.012 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

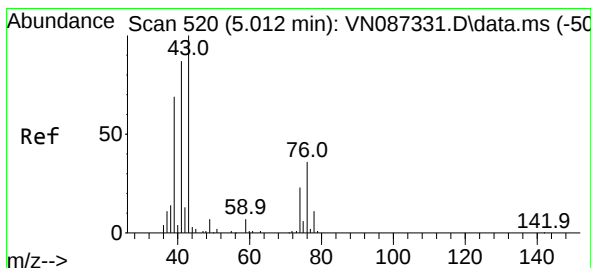
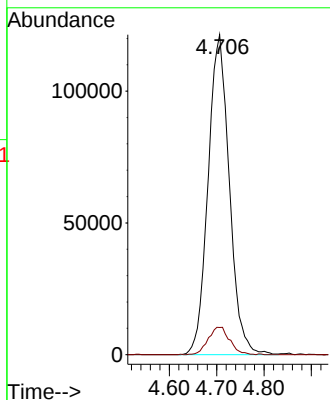
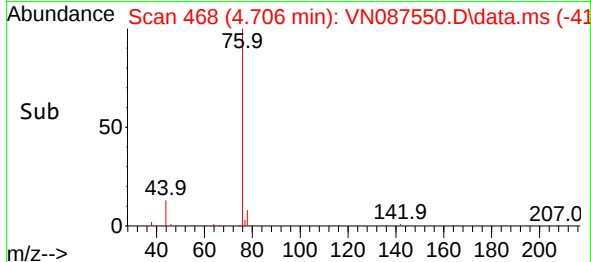
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 37880
Ion Ratio Lower Upper
76 100
78 8.5 8.6 13.0

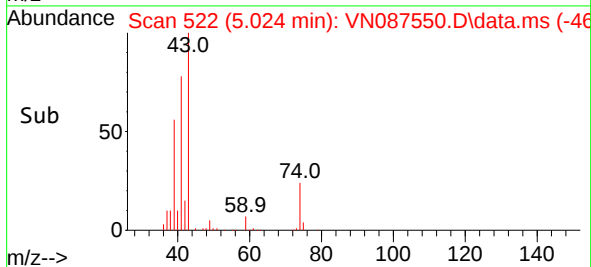
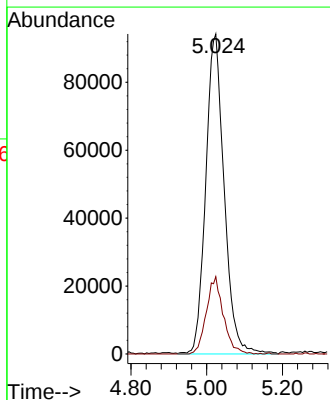
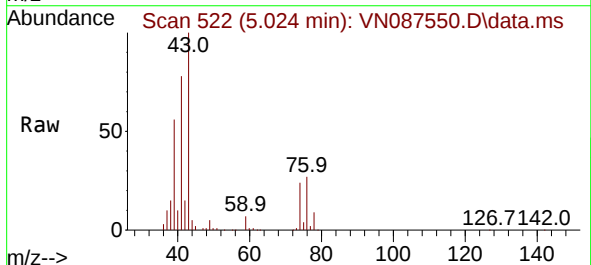
Manual Integrations
APPROVED

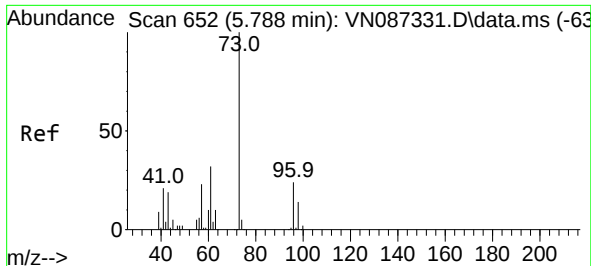
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 64.777 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

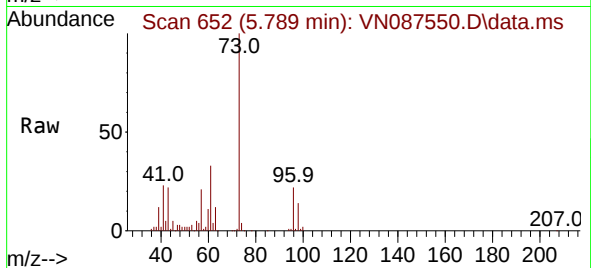
Tgt Ion: 43 Resp: 317434
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 61.454 ug/l
RT: 5.789 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

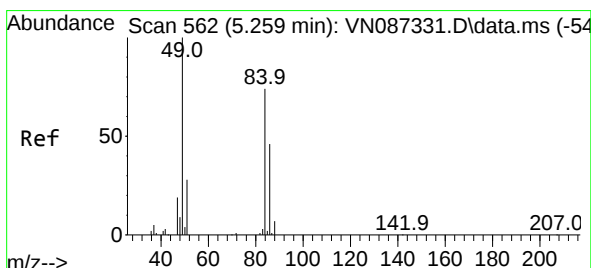
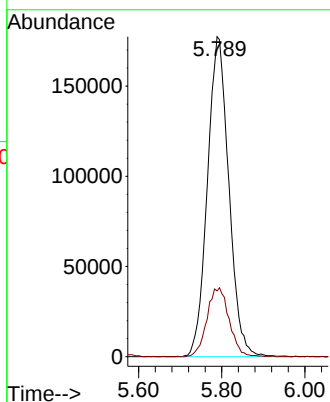
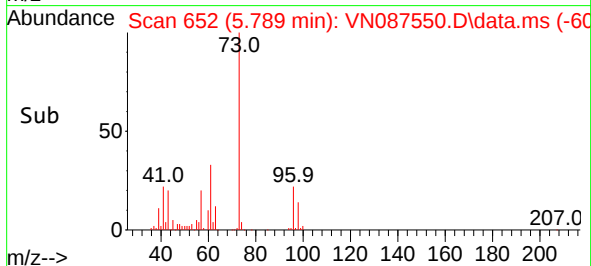
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 63406
Ion Ratio Lower Upper
73 100
57 20.6 18.6 27.8

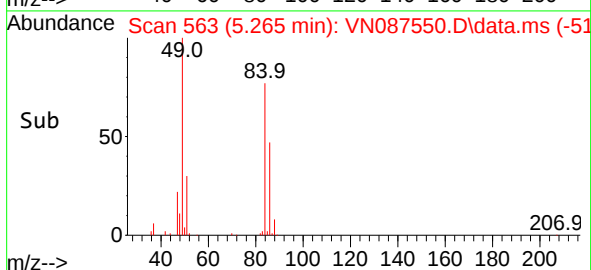
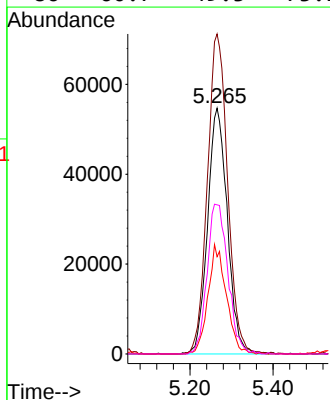
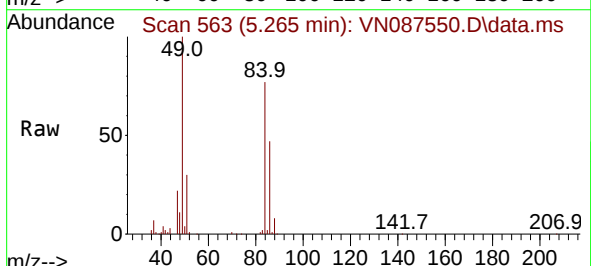
Manual Integrations
APPROVED

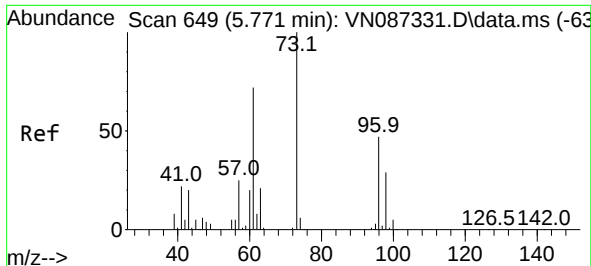
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 54.865 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Tgt Ion: 84 Resp: 180699
Ion Ratio Lower Upper
84 100
49 130.2 107.5 161.3
51 39.6 30.2 45.2
86 60.7 49.3 73.9





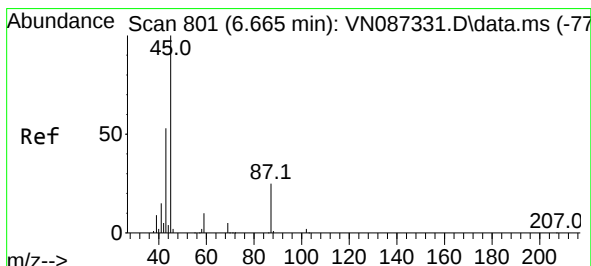
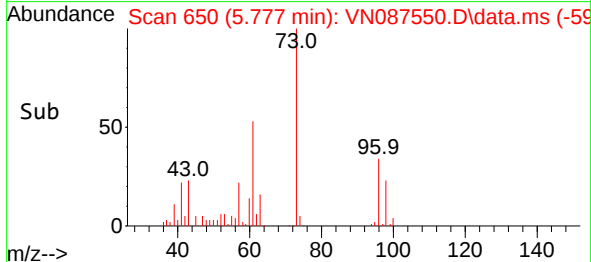
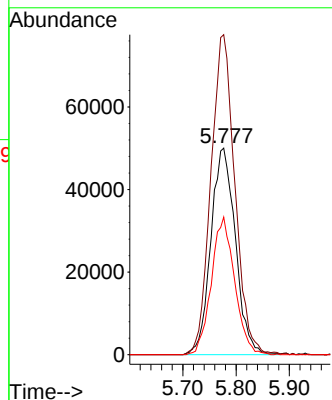
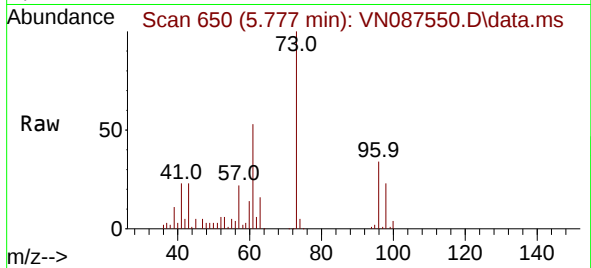
#21
trans-1,2-Dichloroethene
Concen: 50.722 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 160090
Ion Ratio Lower Upper
96 100
61 154.9 122.0 183.0
98 66.6 50.0 75.0

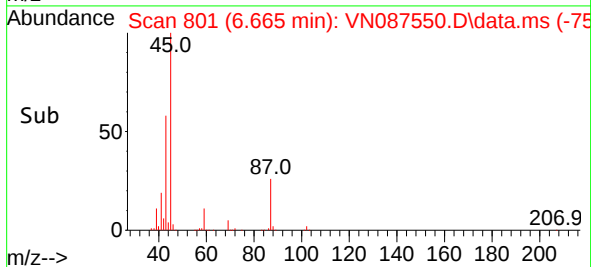
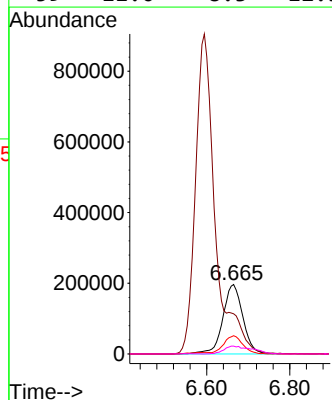
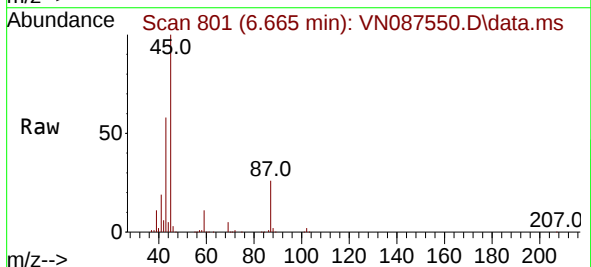
Manual Integrations
APPROVED

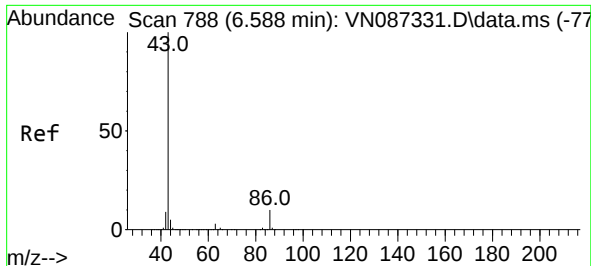
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 61.686 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

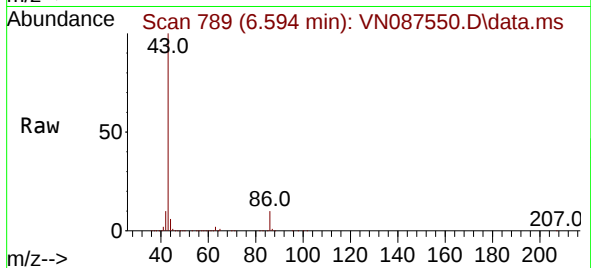
Tgt Ion: 45 Resp: 655489
Ion Ratio Lower Upper
45 100
43 56.8 42.8 64.2
87 26.2 19.8 29.6
59 11.0 8.3 12.5





#23
 Vinyl Acetate
 Concen: 319.688 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

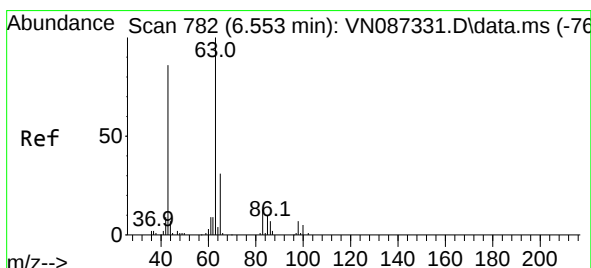
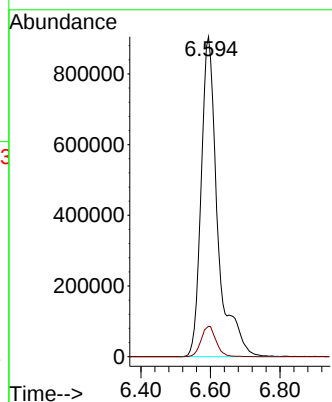
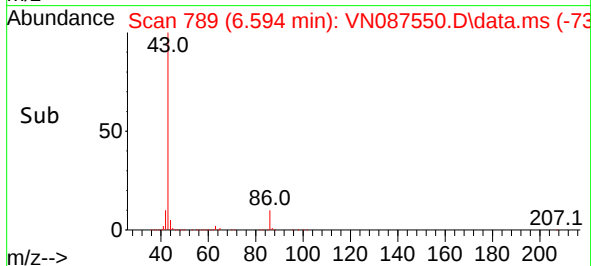
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2971038
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5

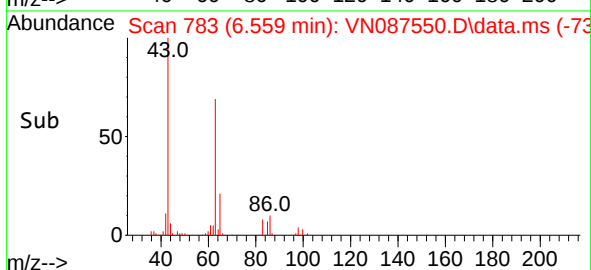
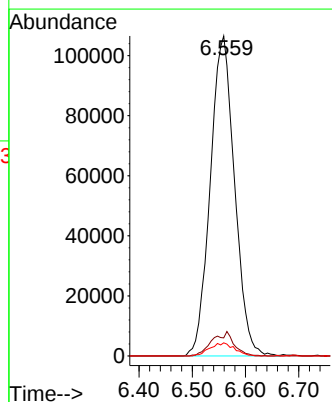
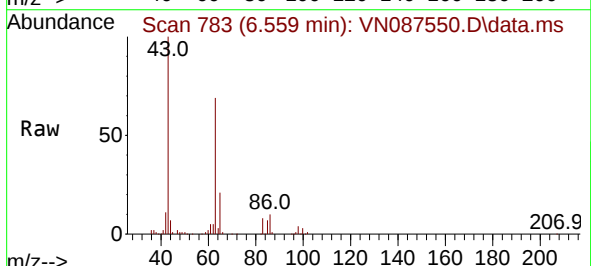
Manual Integrations
 APPROVED

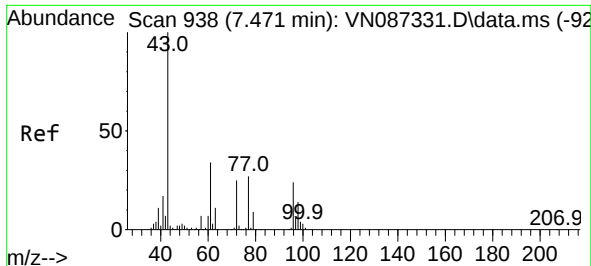
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#24
 1,1-Dichloroethane
 Concen: 55.063 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

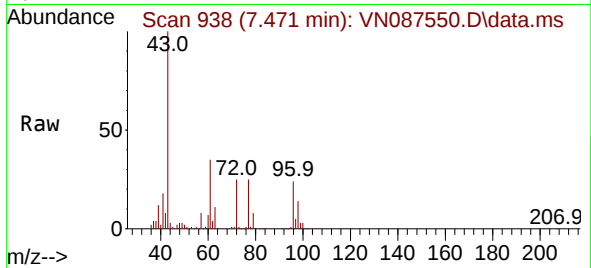
Tgt Ion: 63 Resp: 337564
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 289.223 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

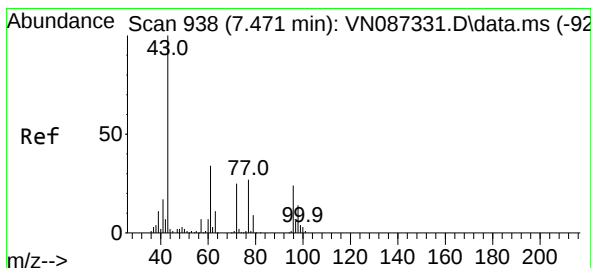
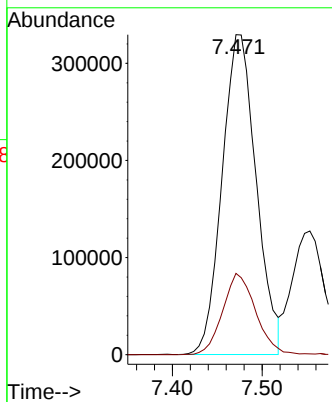
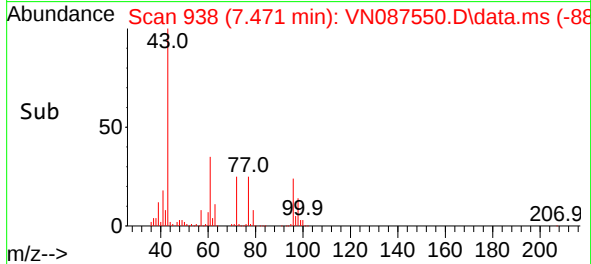
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



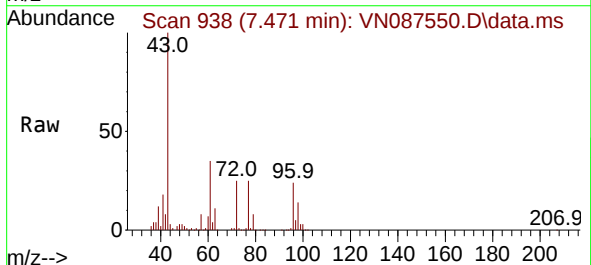
Tgt Ion: 43 Resp: 87162
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4

Manual Integrations
APPROVED

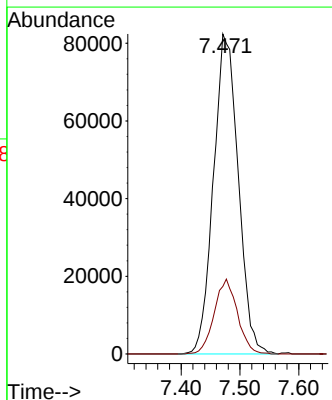
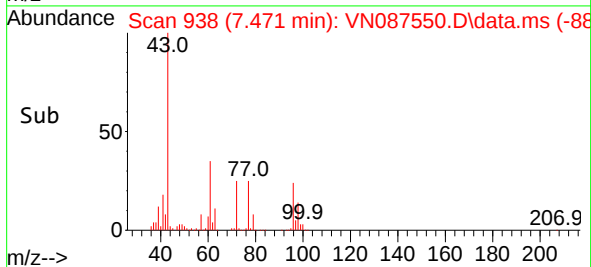
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

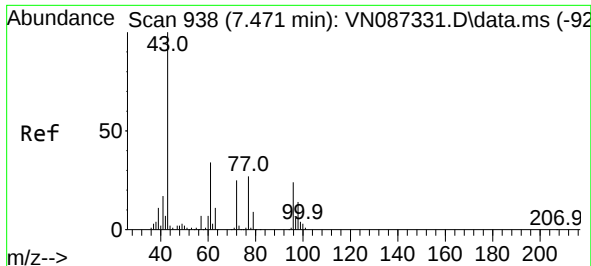


#26
2,2-Dichloropropane
Concen: 50.670 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



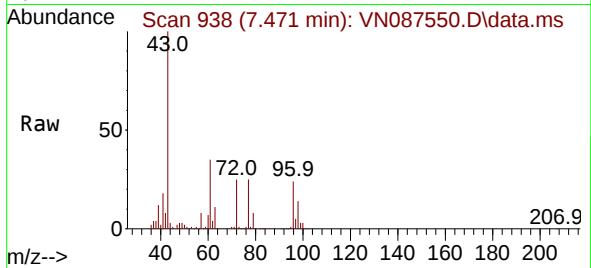
Tgt Ion: 77 Resp: 241511
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 57.264 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

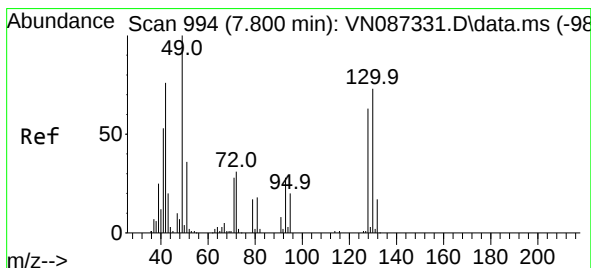
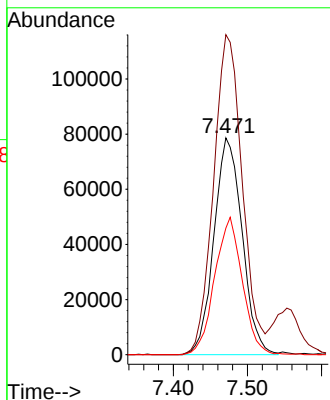
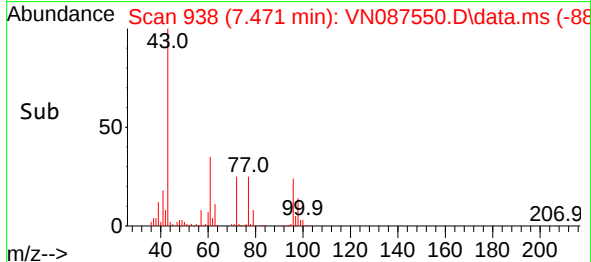
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 20808
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 297.8
 98 62.1 0.0 132.4

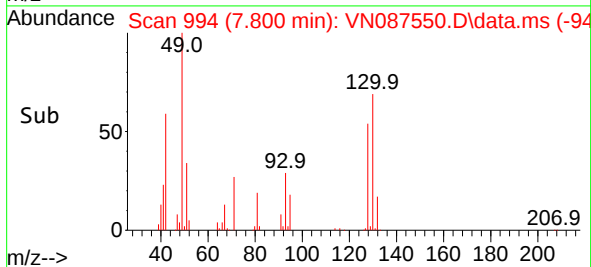
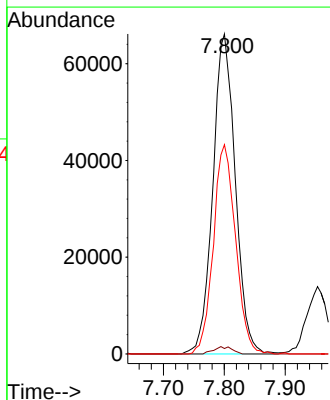
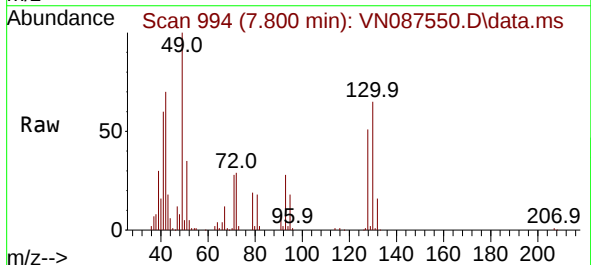
Manual Integrations
 APPROVED

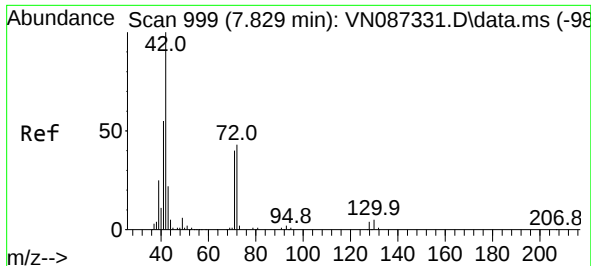
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#28
 Bromochloromethane
 Concen: 57.757 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

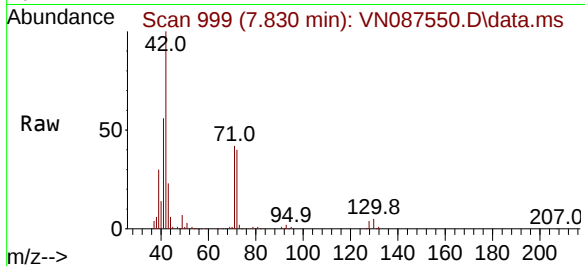
Tgt Ion: 49 Resp: 169460
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 64.7 57.3 85.9





#29
Tetrahydrofuran
Concen: 291.618 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

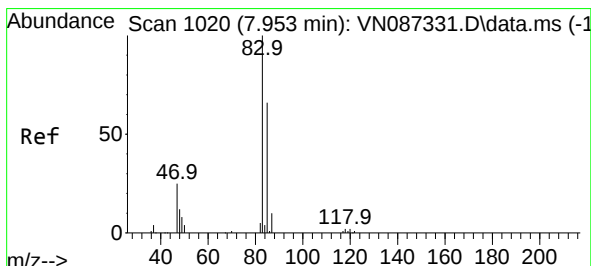
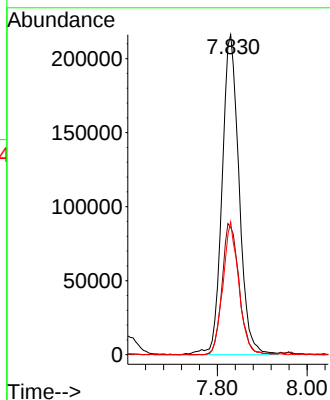
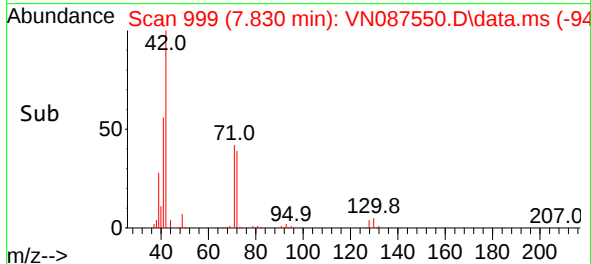
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 570924
Ion Ratio Lower Upper
42 100
72 40.8 33.4 50.0
71 38.8 31.2 46.8

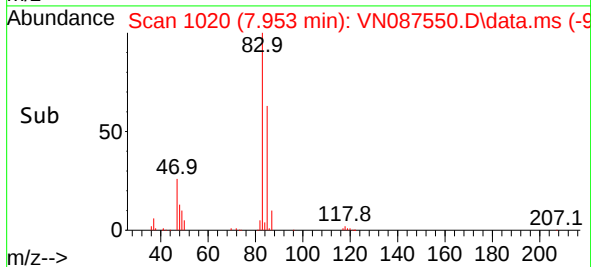
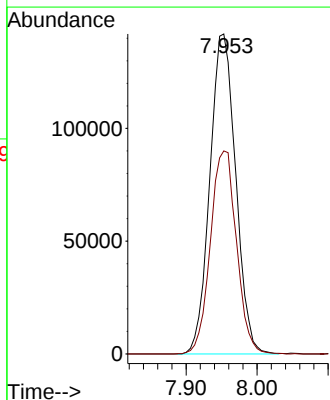
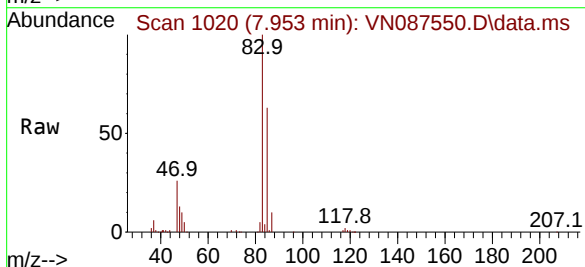
Manual Integrations
APPROVED

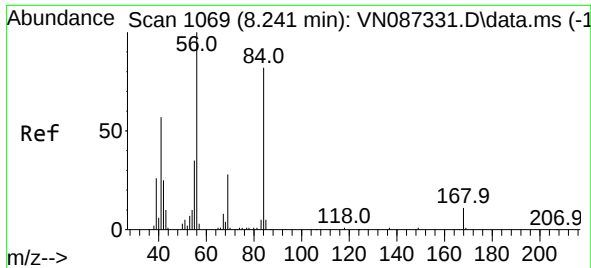
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#30
Chloroform
Concen: 58.406 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

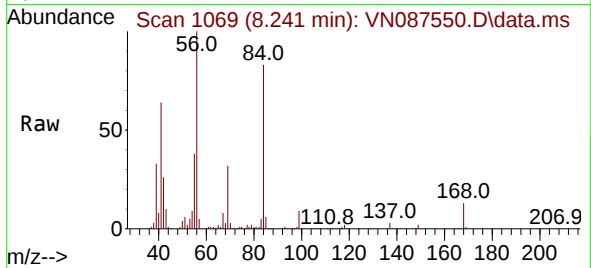
Tgt Ion: 83 Resp: 358392
Ion Ratio Lower Upper
83 100
85 63.3 52.7 79.1





#31
Cyclohexane
Concen: 53.454 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

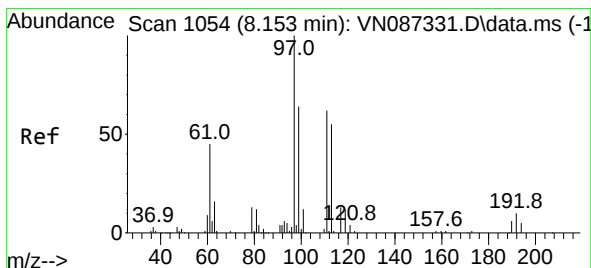
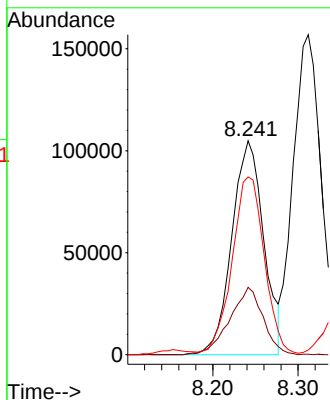
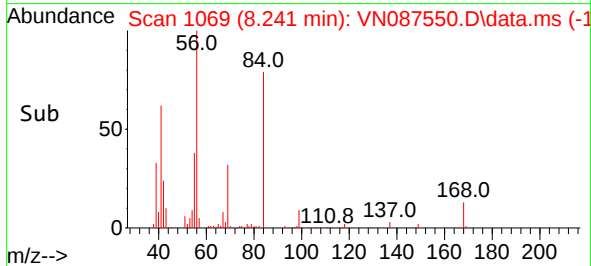
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 27337
Ion Ratio Lower Upper
56 100
69 31.5 22.7 34.1
84 81.1 65.8 98.6

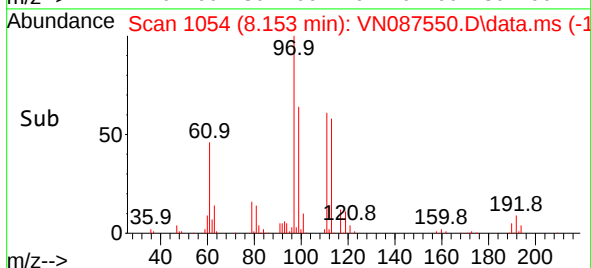
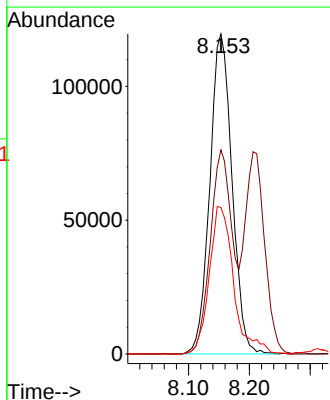
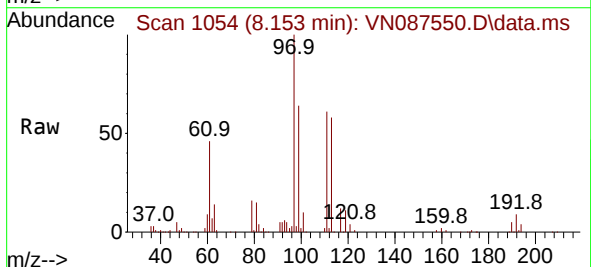
Manual Integrations
APPROVED

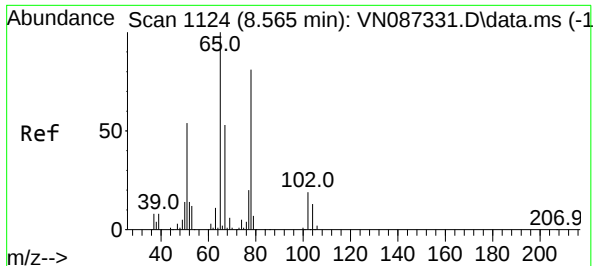
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 56.994 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Tgt Ion: 97 Resp: 302907
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 50.7 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 59.821 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 248852

Ion Ratio Lower Upper

65 100

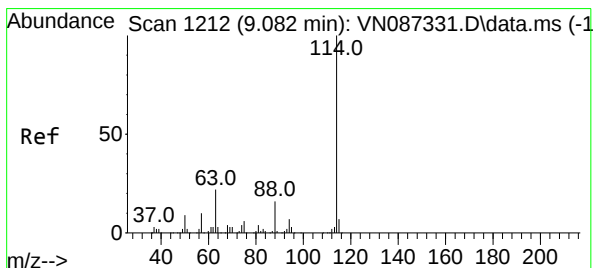
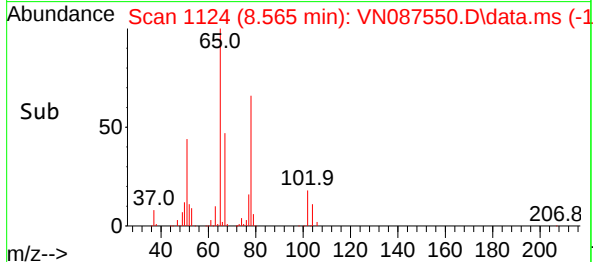
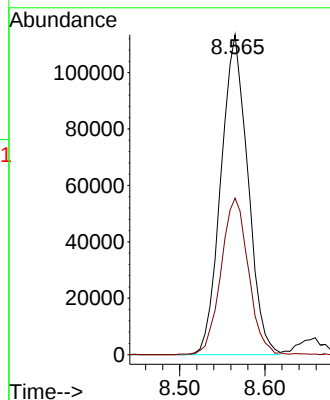
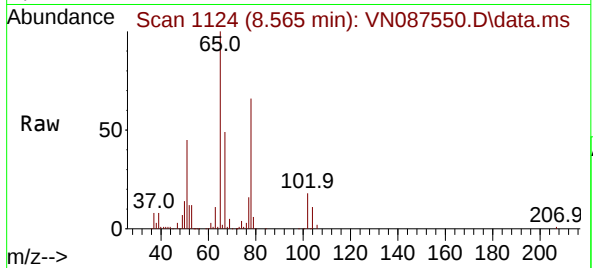
67 49.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

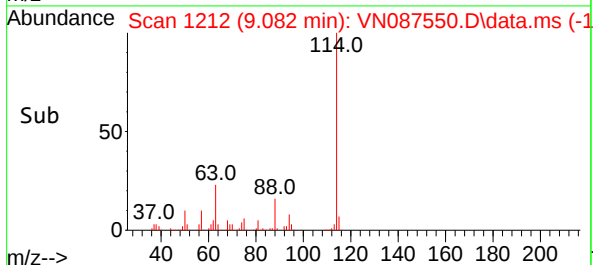
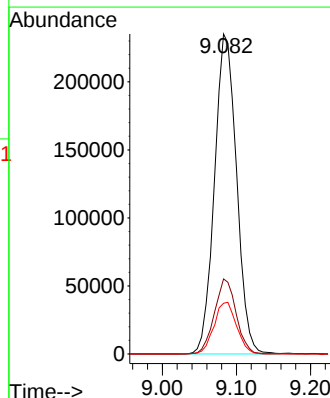
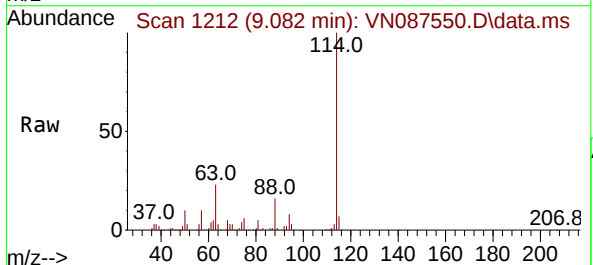
Tgt Ion:114 Resp: 486338

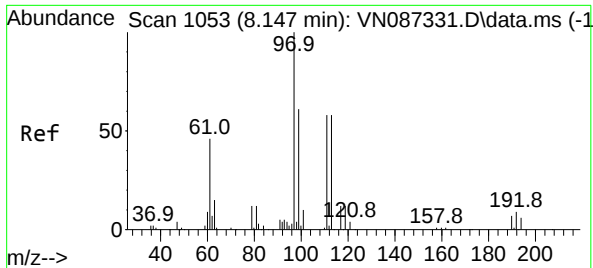
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

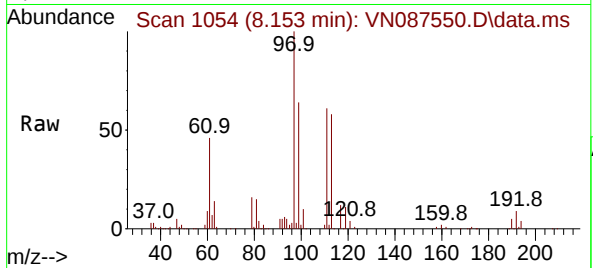
88 15.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 51.353 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

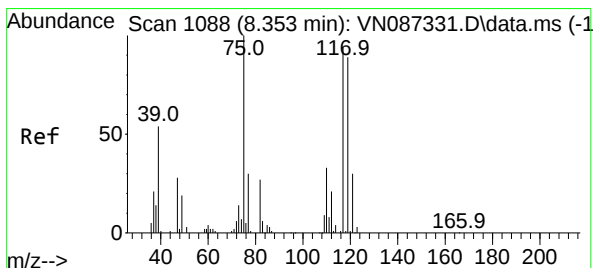
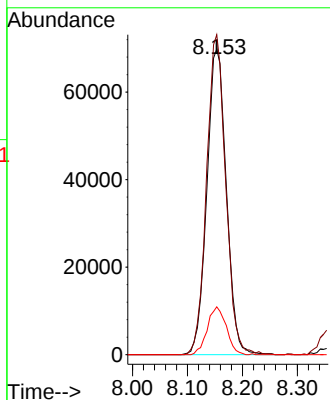
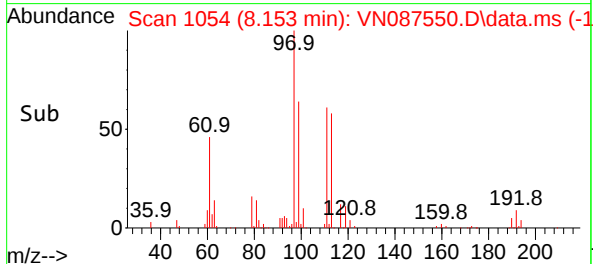
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 17227
Ion Ratio Lower Upper
113 100
111 102.5 82.5 123.7
192 15.2 13.7 20.5

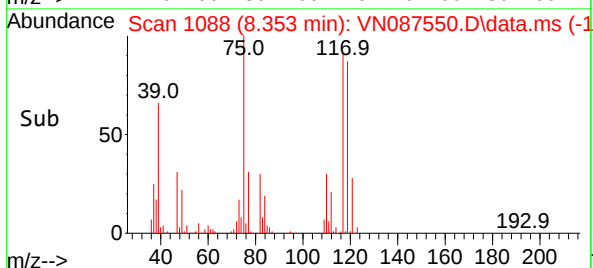
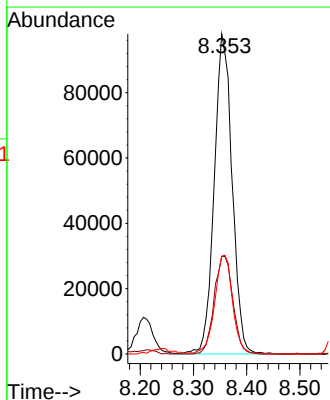
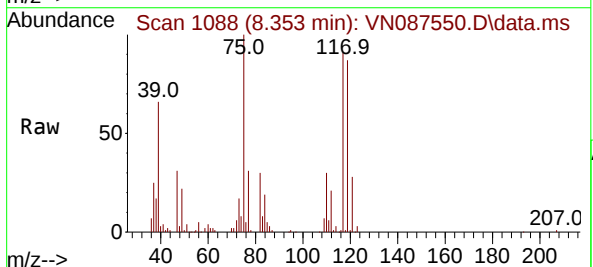
Manual Integrations
APPROVED

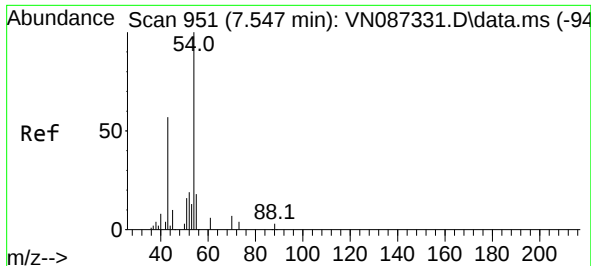
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 51.601 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

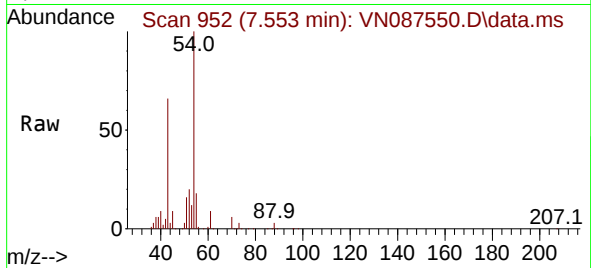
Tgt Ion: 75 Resp: 228709
Ion Ratio Lower Upper
75 100
110 31.8 16.7 50.1
77 30.9 25.2 37.8





#37
Ethyl Acetate
Concen: 52.287 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

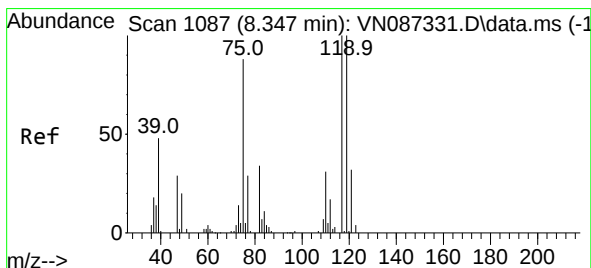
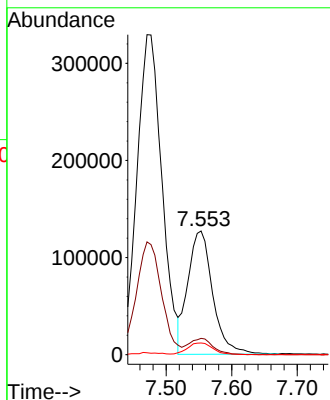
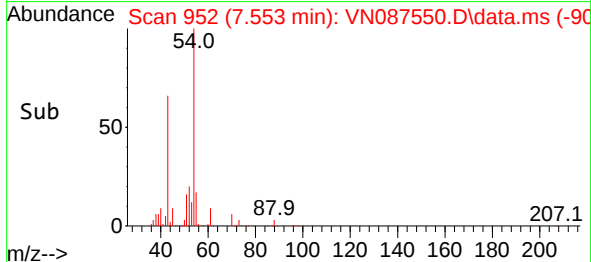
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 334699
Ion Ratio Lower Upper
43 100
61 12.8 10.9 16.3
70 9.9 7.4 11.0

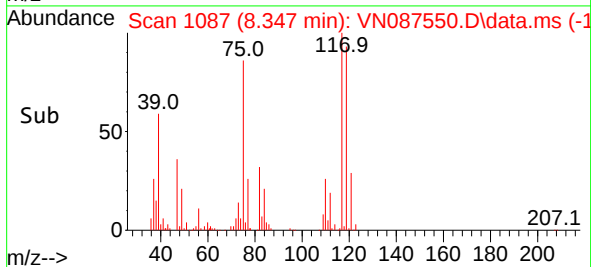
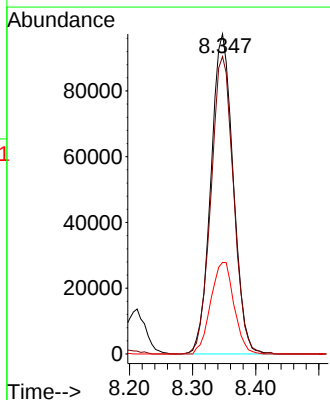
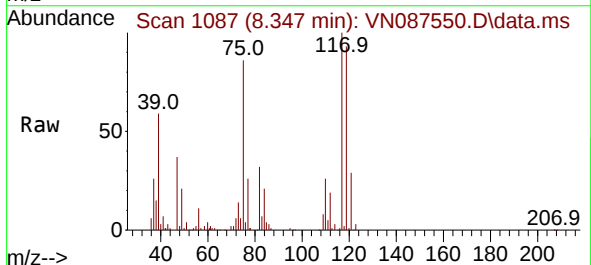
Manual Integrations
APPROVED

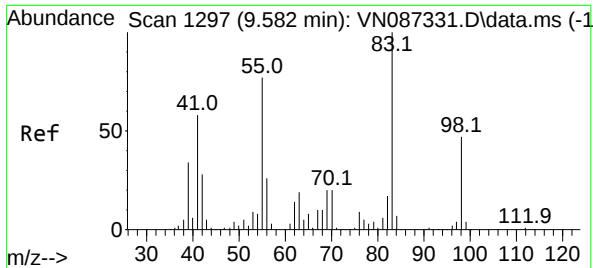
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Carbon Tetrachloride
Concen: 48.852 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Tgt Ion:117 Resp: 238521
Ion Ratio Lower Upper
117 100
119 93.0 80.2 120.2
121 28.6 25.4 38.2





#39

Methylcyclohexane

Concen: 52.523 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 25203

Ion Ratio Lower Upper

83 100

55 79.2 61.3 91.9

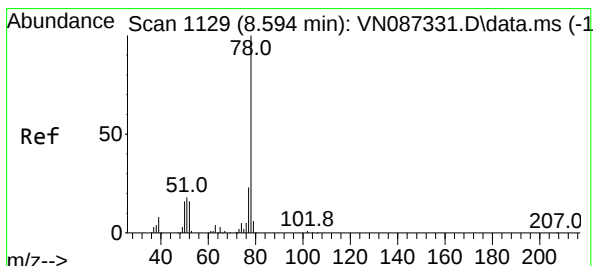
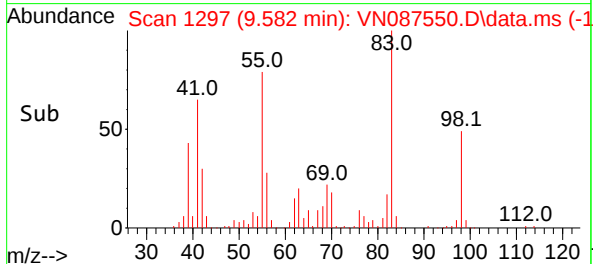
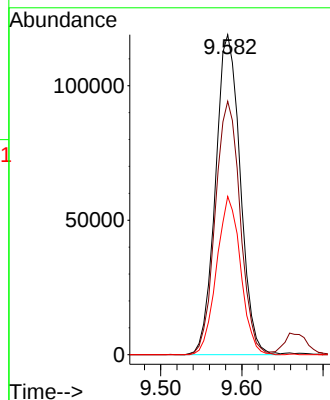
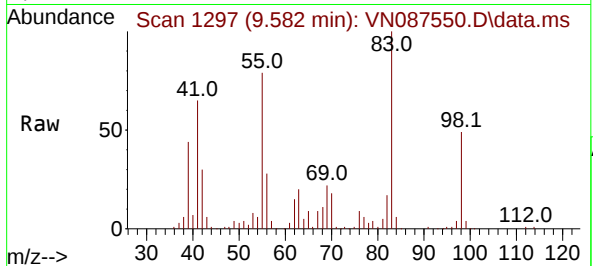
98 49.4 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#40

Benzene

Concen: 51.898 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087550.D

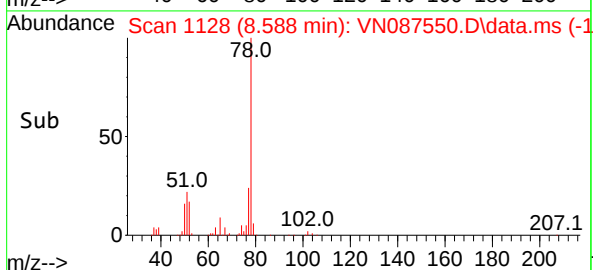
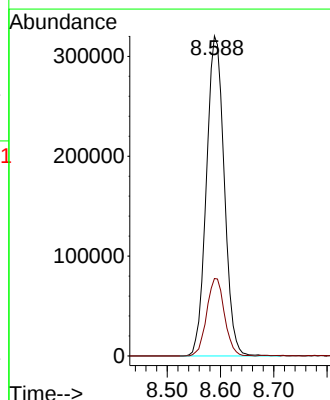
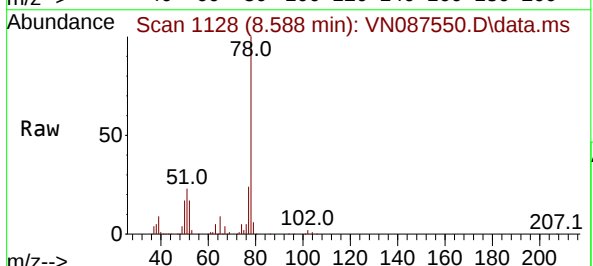
Acq: 13 Aug 2025 20:46

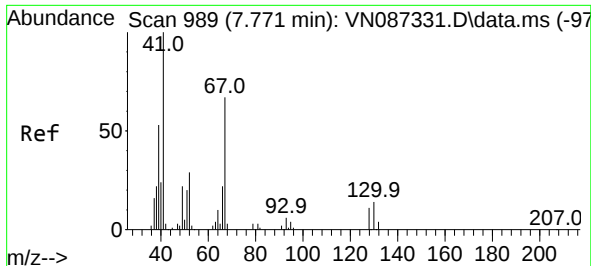
Tgt Ion: 78 Resp: 743439

Ion Ratio Lower Upper

78 100

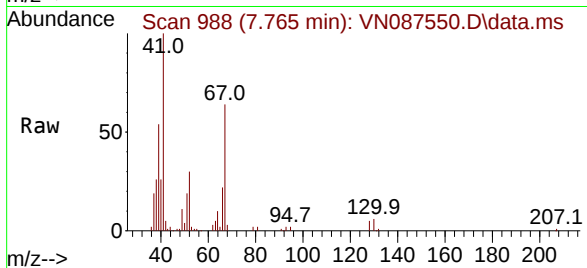
77 24.2 18.2 27.2





#41
Methacrylonitrile
Concen: 55.773 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

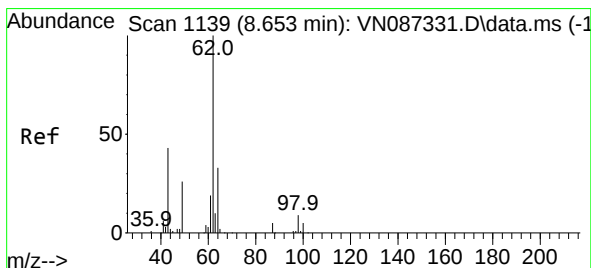
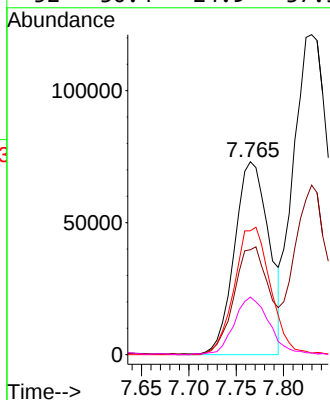
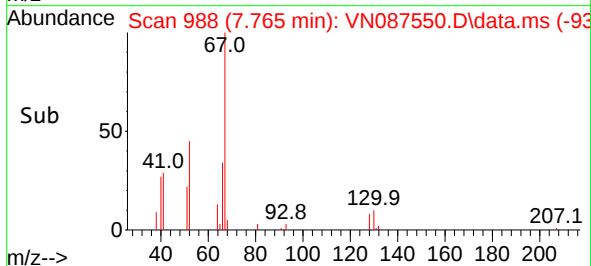
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 186679
Ion Ratio Lower Upper
41 100
39 56.9 43.4 65.0
67 68.9 55.1 82.7
52 30.4 24.9 37.3

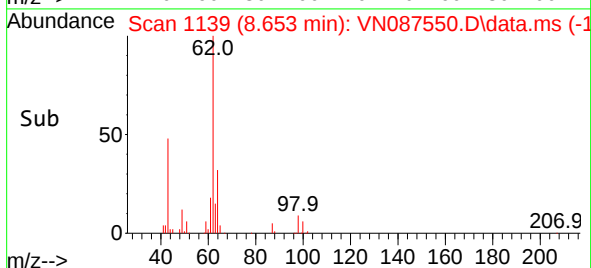
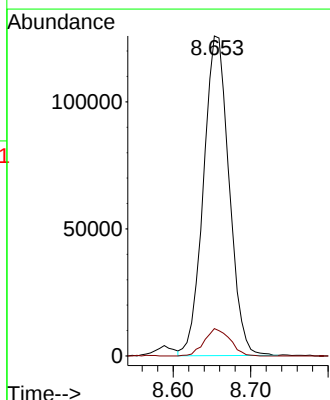
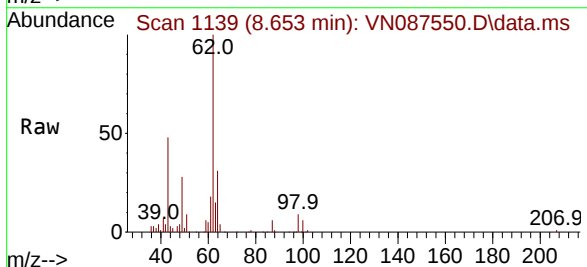
Manual Integrations
APPROVED

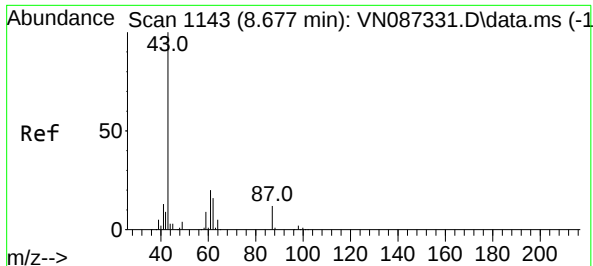
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 53.083 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

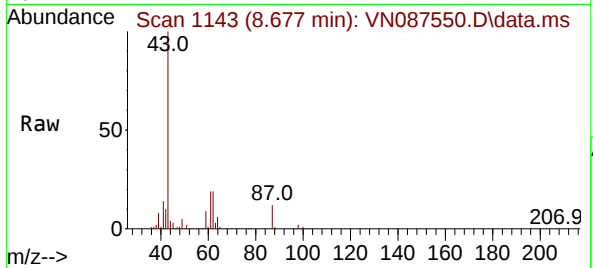
Tgt Ion: 62 Resp: 288365
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 55.755 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

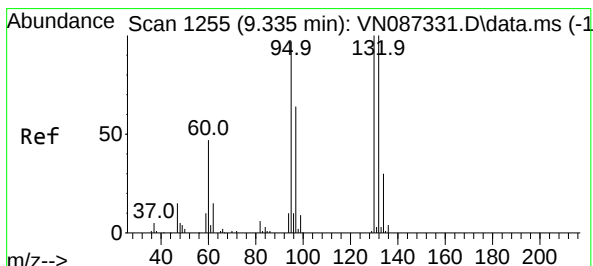
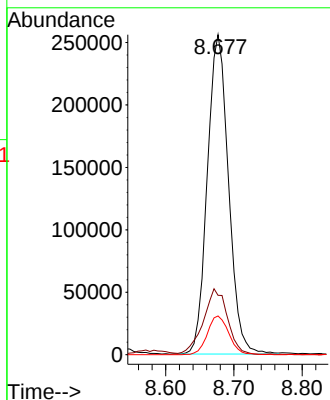
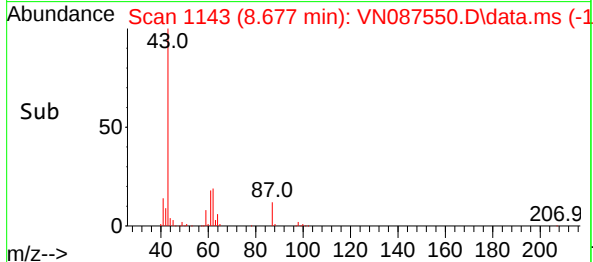
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 554029
Ion Ratio Lower Upper
43 100
61 23.3 19.8 29.8
87 12.3 9.8 14.6

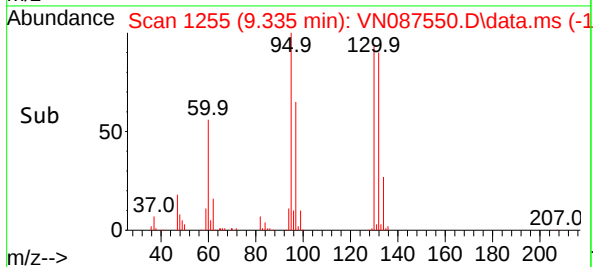
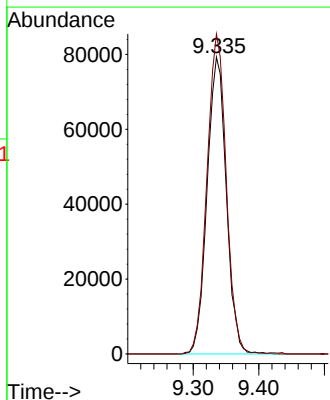
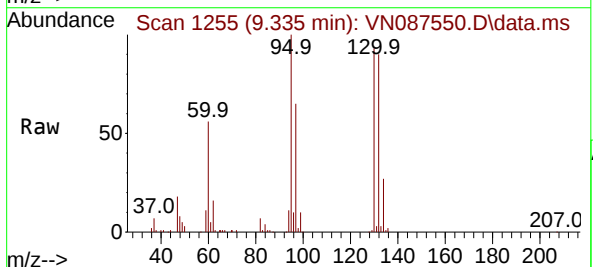
Manual Integrations
APPROVED

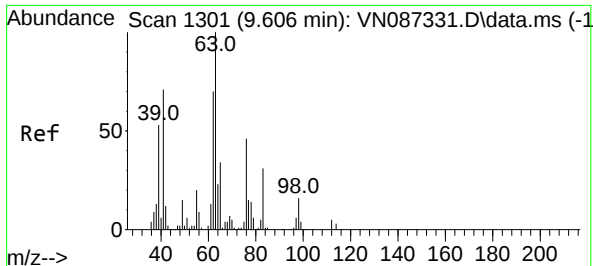
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 47.681 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Tgt Ion:130 Resp: 161391
Ion Ratio Lower Upper
130 100
95 107.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.317 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 19406

Ion Ratio Lower Upper

63 100

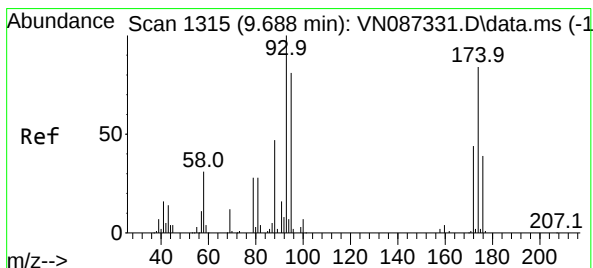
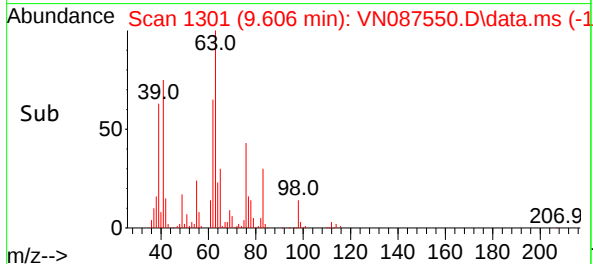
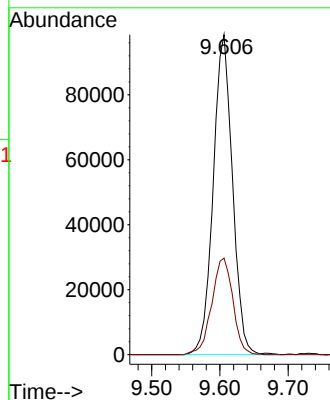
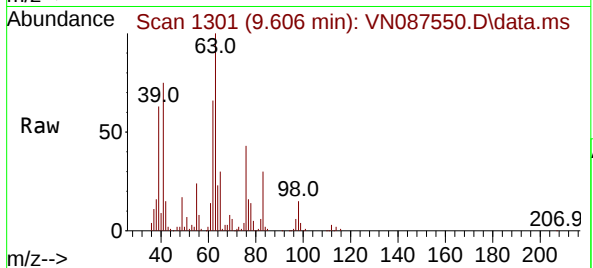
65 30.2 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

Dibromomethane

Concen: 52.156 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

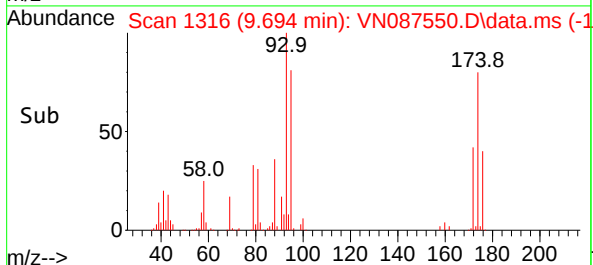
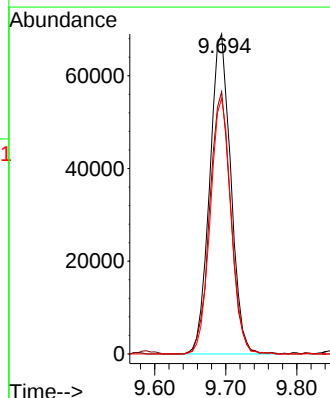
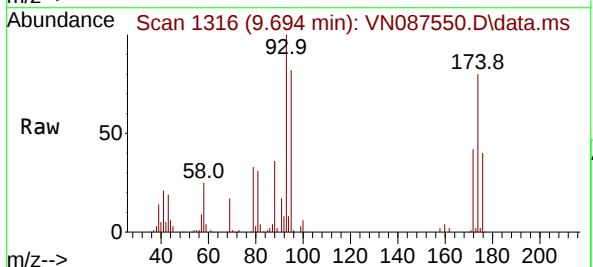
Tgt Ion: 93 Resp: 142137

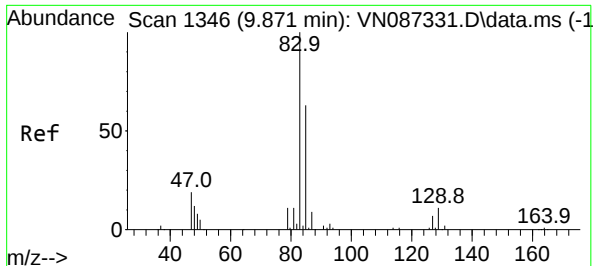
Ion Ratio Lower Upper

93 100

95 81.2 65.8 98.8

174 79.0 69.9 104.9





#47

Bromodichloromethane

Concen: 53.692 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

Instrument :

MSVOA_N

ClientSampleId :

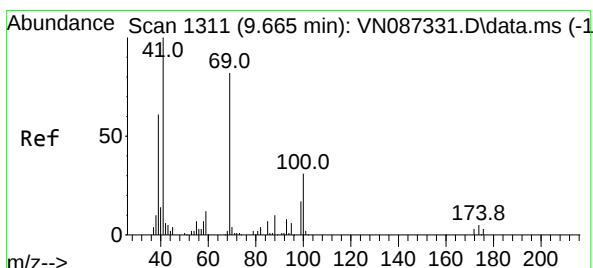
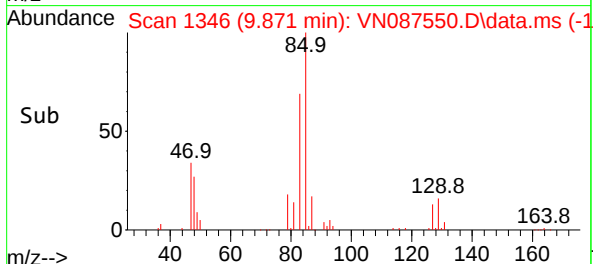
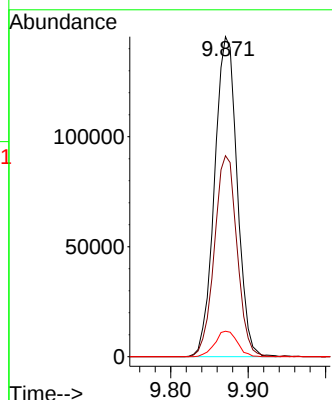
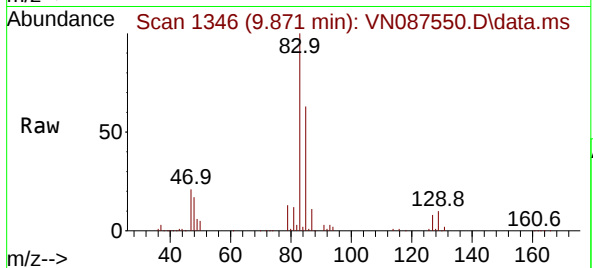
VSTDCCC050EC

Tgt Ion: 83 Resp: 294733
 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 08/18/2025



#48

Methyl methacrylate

Concen: 57.621 ug/l

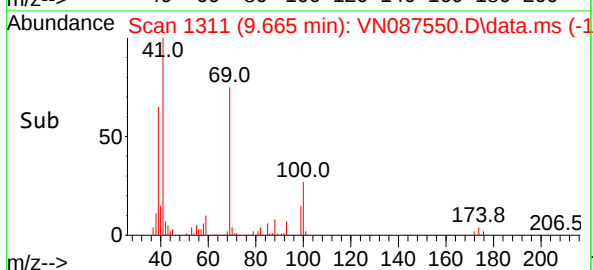
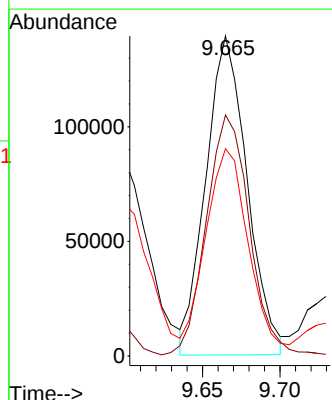
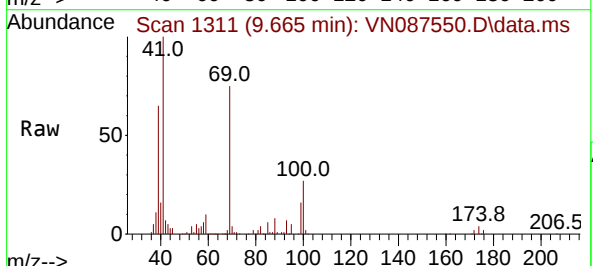
RT: 9.665 min Scan# 1311

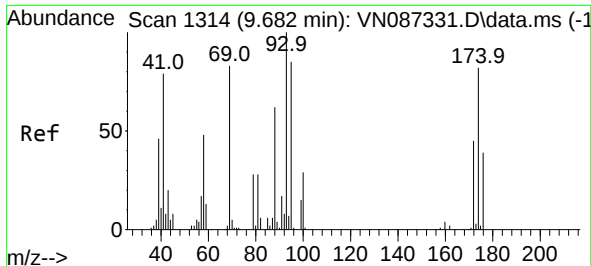
Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

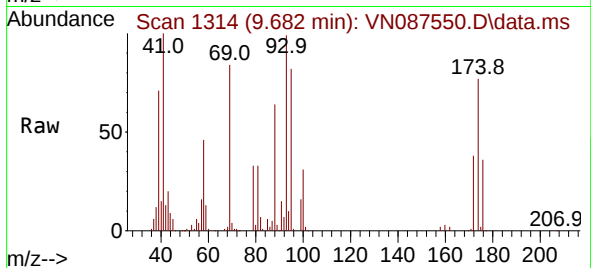
Tgt Ion: 41 Resp: 257764
 Ion Ratio Lower Upper
 41 100
 69 78.6 64.1 96.1
 39 67.8 45.5 68.3





#49
1,4-Dioxane
Concen: 1113.351 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

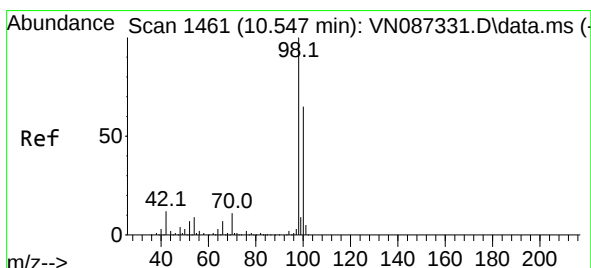
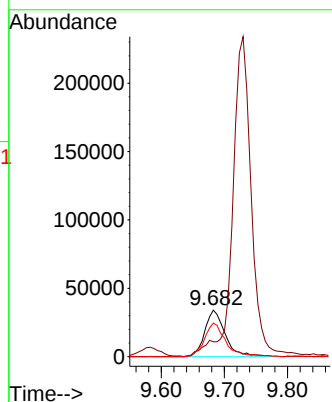
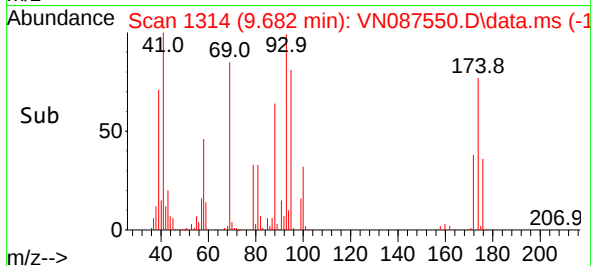
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 7628
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.0 61.1 91.7

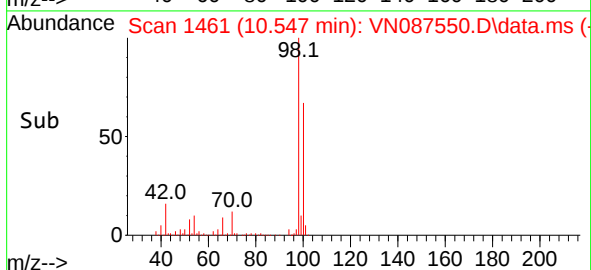
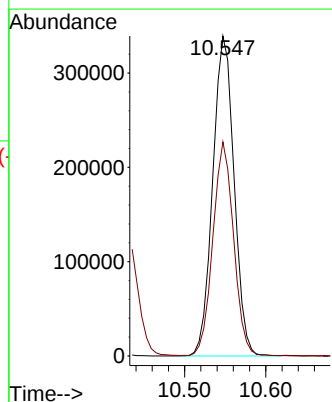
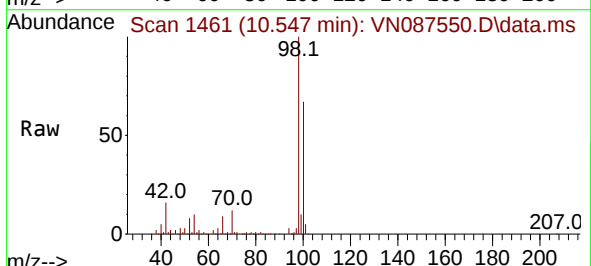
Manual Integrations
APPROVED

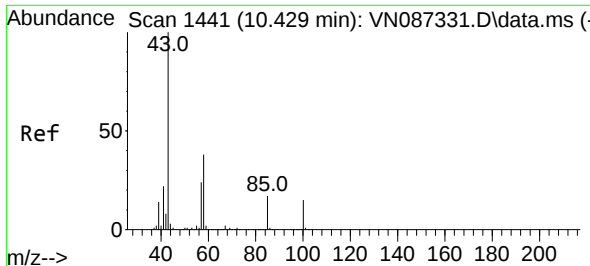
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#50
Toluene-d8
Concen: 51.726 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Tgt Ion: 98 Resp: 618991
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





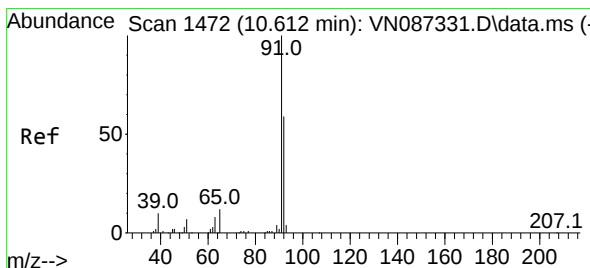
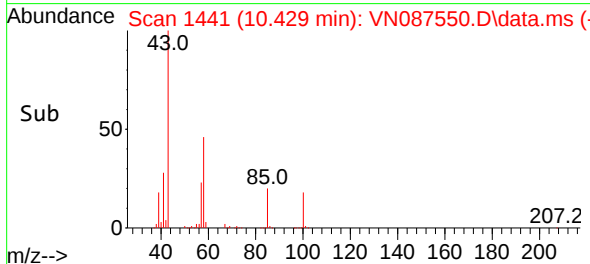
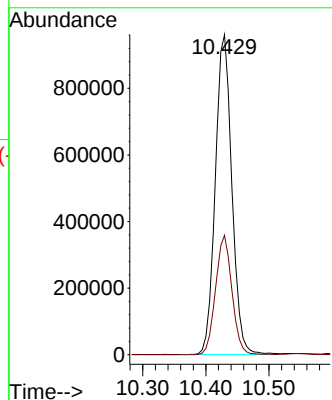
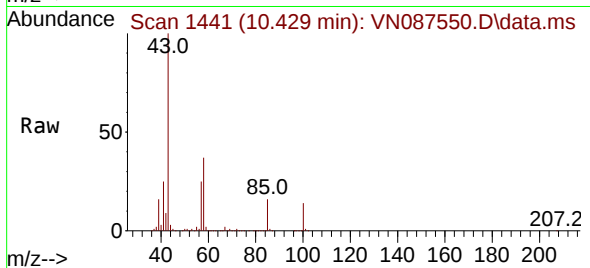
#51
4-Methyl-2-Pentanone
Concen: 278.217 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1748540
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2

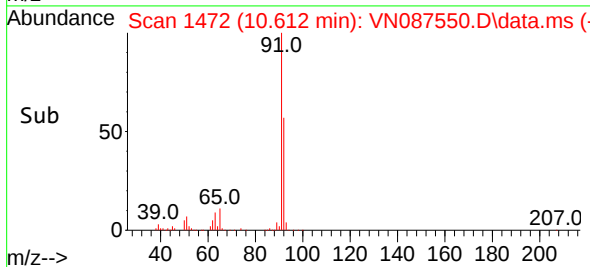
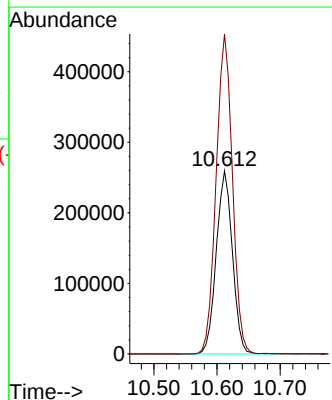
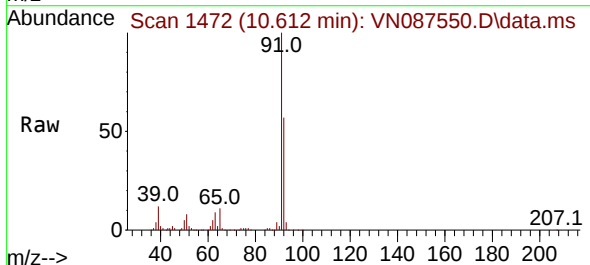
Manual Integrations
APPROVED

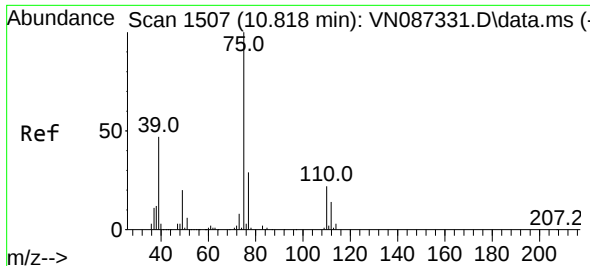
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 53.020 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

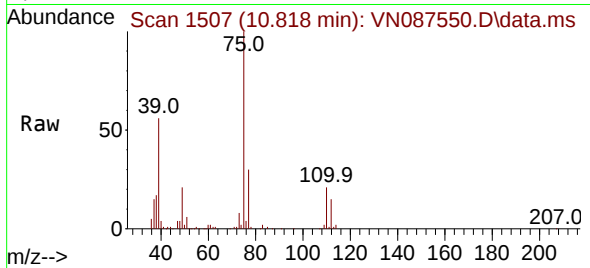
Tgt Ion: 92 Resp: 461646
Ion Ratio Lower Upper
92 100
91 176.0 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 54.001 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

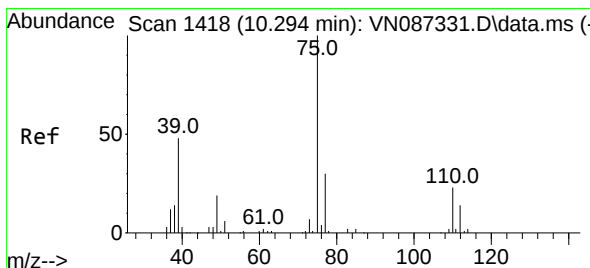
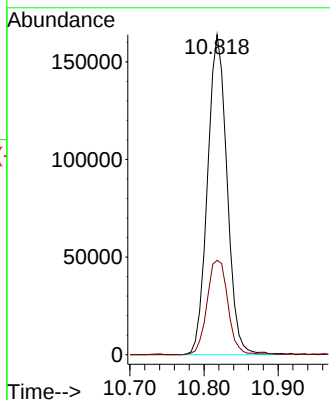
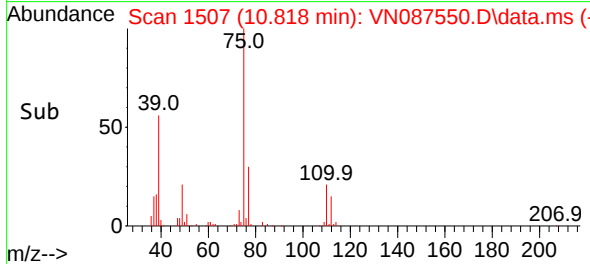
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



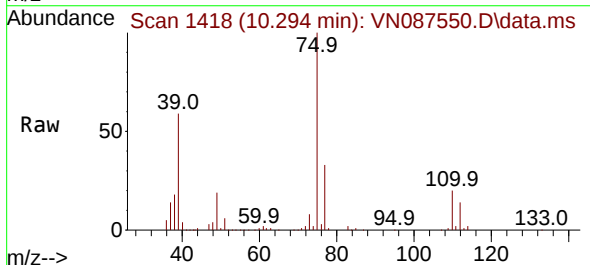
Tgt Ion: 75 Resp: 299998
Ion Ratio Lower Upper
75 100
77 29.5 23.6 35.4

Manual Integrations
APPROVED

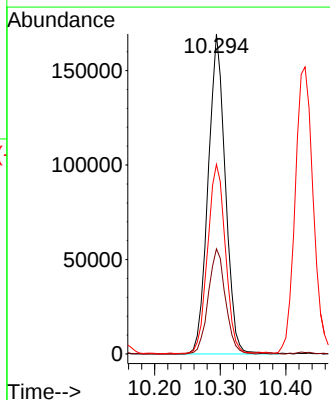
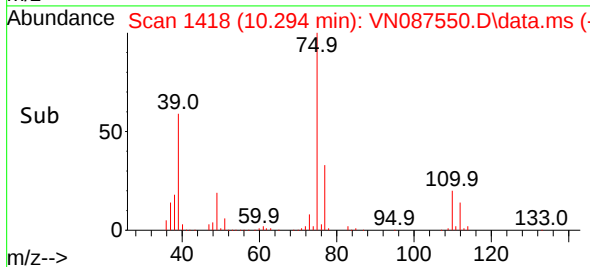
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

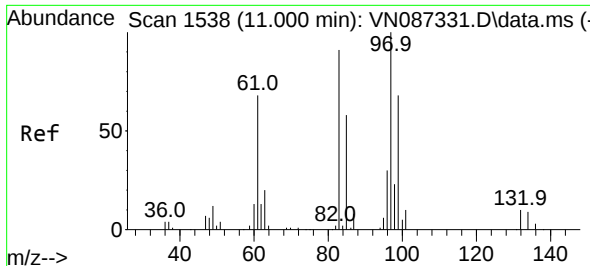


#54
cis-1,3-Dichloropropene
Concen: 53.818 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



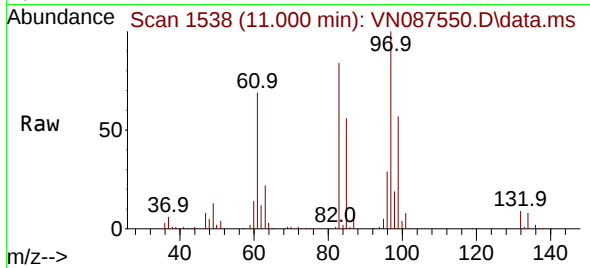
Tgt Ion: 75 Resp: 308834
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.2
39 59.1 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 53.449 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

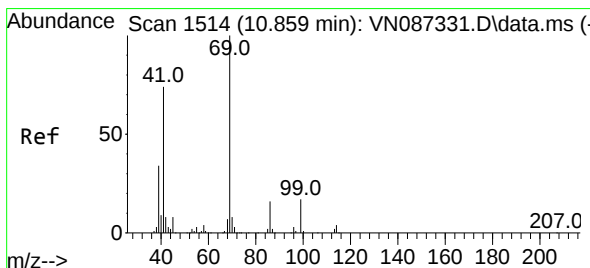
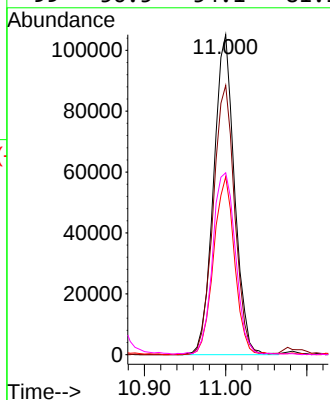
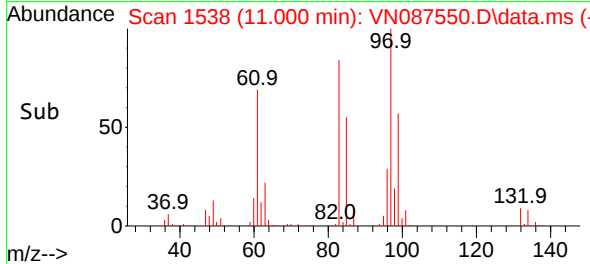
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



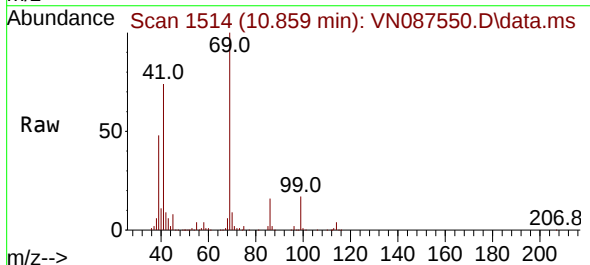
Tgt Ion: 97 Resp: 188410
Ion Ratio Lower Upper
97 100
83 84.2 72.6 109.0
85 55.6 46.7 70.1
99 56.5 54.1 81.1

Manual Integrations
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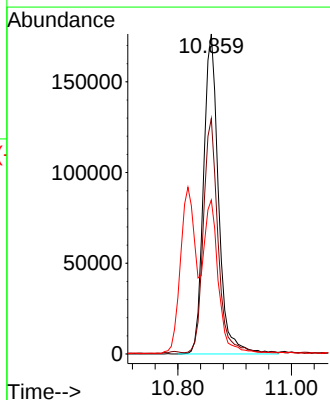
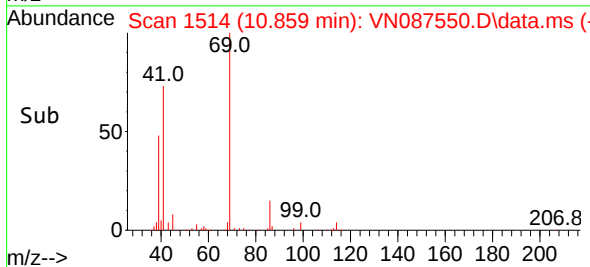
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

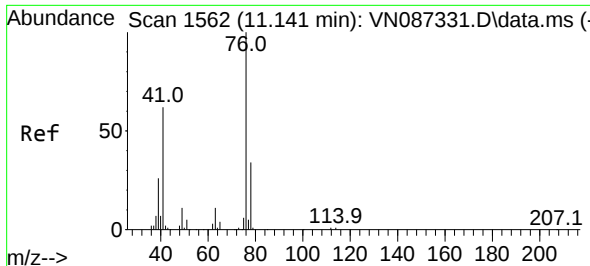


#56
Ethyl methacrylate
Concen: 54.407 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



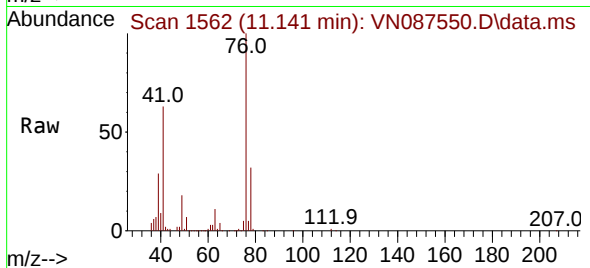
Tgt Ion: 69 Resp: 323701
Ion Ratio Lower Upper
69 100
41 70.6 55.1 82.7
39 47.7 27.9 41.9#





#57
1,3-Dichloropropane
Concen: 53.851 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

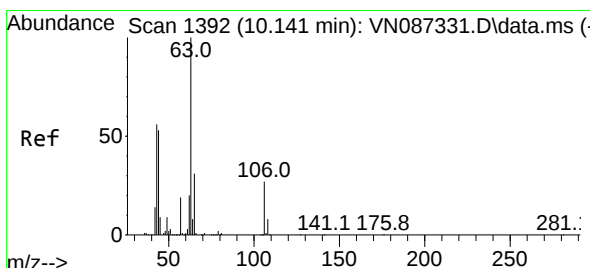
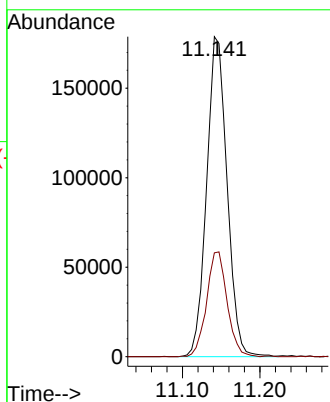
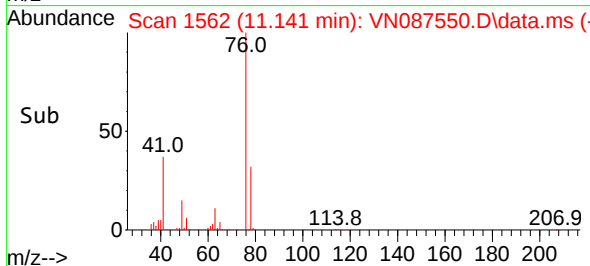
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



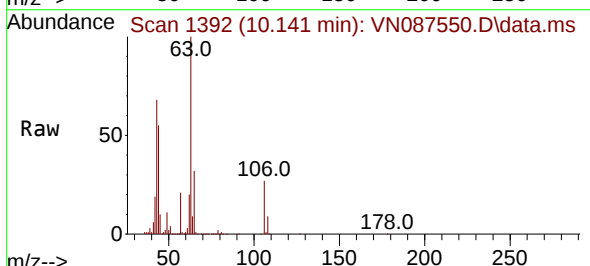
Tgt Ion: 76 Resp: 32820
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

Manual Integrations
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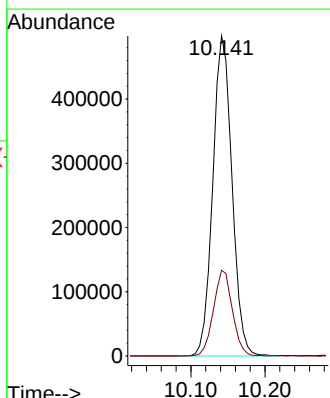
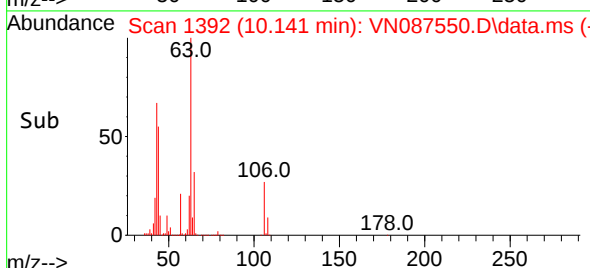
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

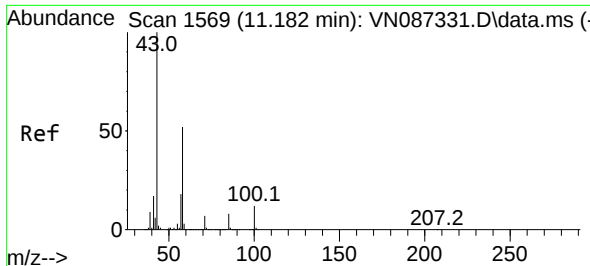


#58
2-Chloroethyl Vinyl ether
Concen: 309.815 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



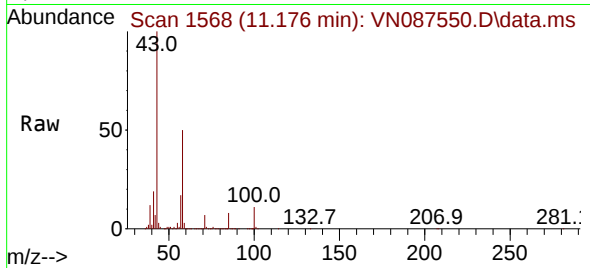
Tgt Ion: 63 Resp: 895877
Ion Ratio Lower Upper
63 100
106 26.3 21.7 32.5





#59
2-Hexanone
Concen: 293.966 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

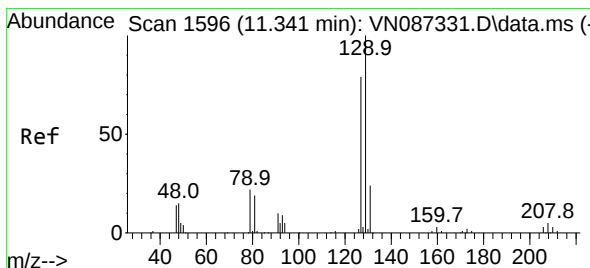
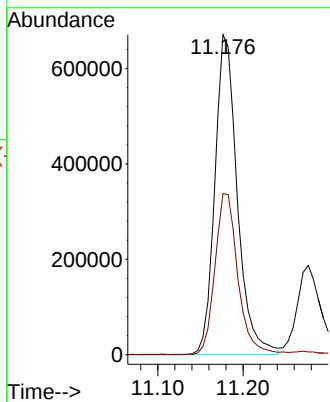
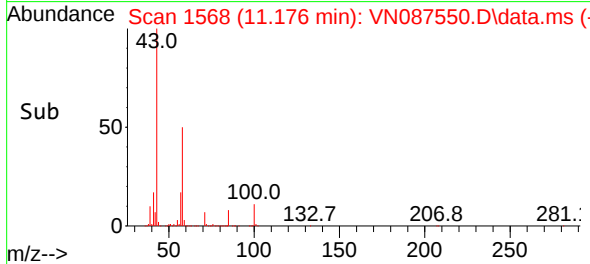
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1225754
Ion Ratio Lower Upper
43 100
58 51.6 26.7 80.0

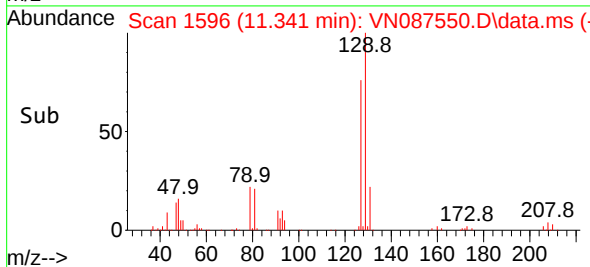
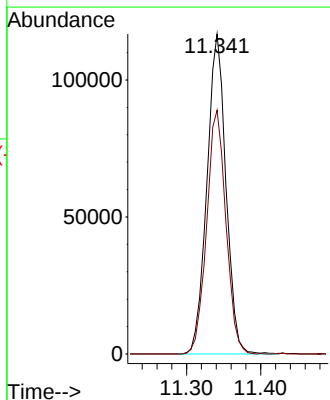
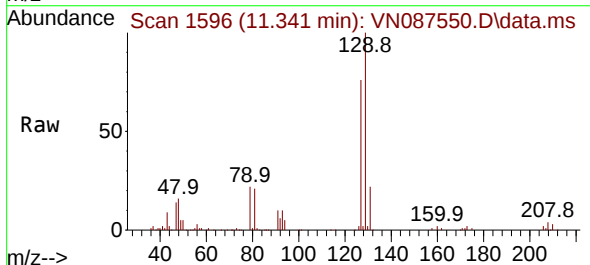
Manual Integrations
APPROVED

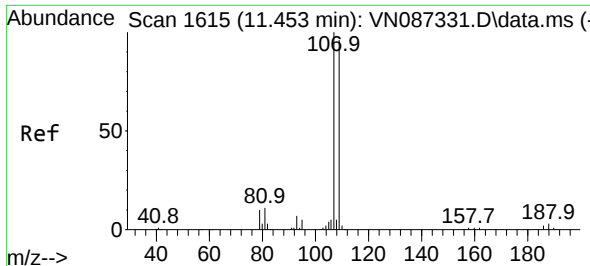
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 51.725 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

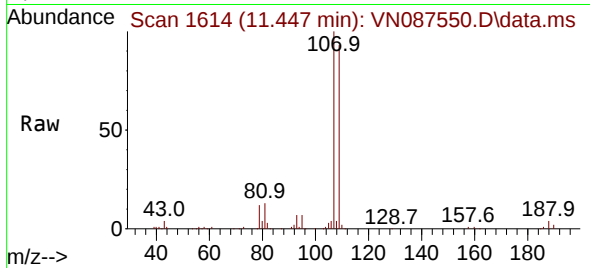
Tgt Ion:129 Resp: 207940
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5





#61
1,2-Dibromoethane
Concen: 52.182 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

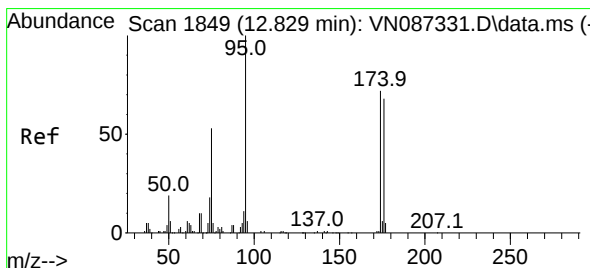
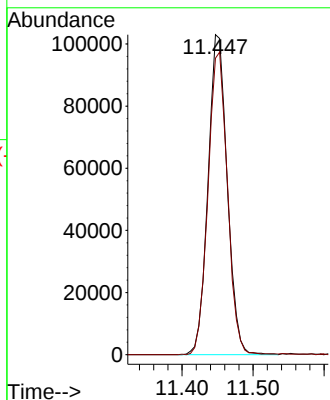
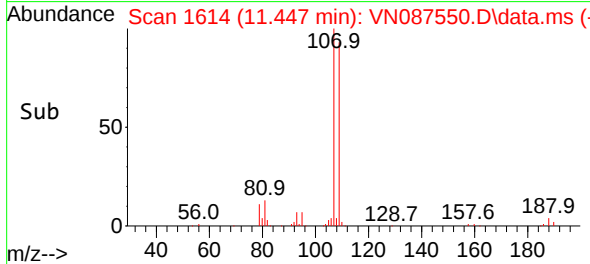
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 19340
Ion Ratio Lower Upper
107 100
109 95.6 77.5 116.3

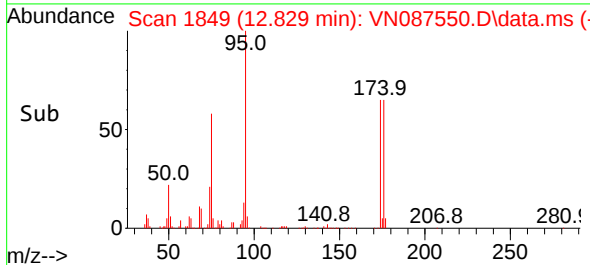
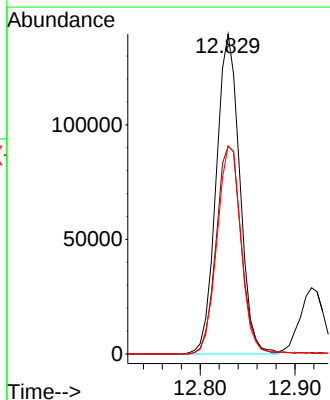
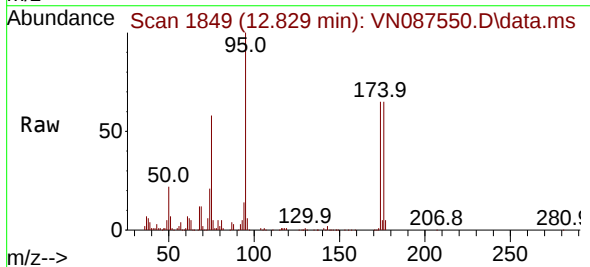
Manual Integrations
APPROVED

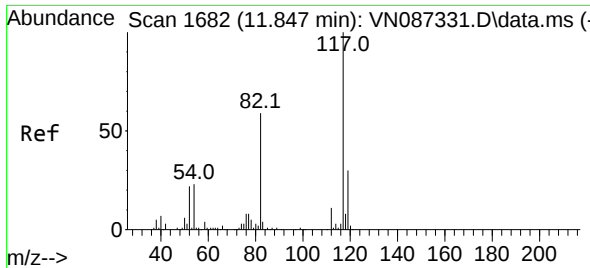
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#62
4-Bromofluorobenzene
Concen: 54.535 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

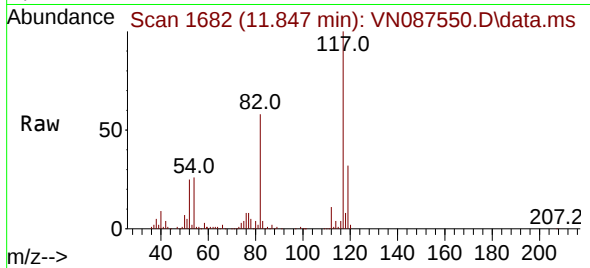
Tgt Ion: 95 Resp: 241108
Ion Ratio Lower Upper
95 100
174 68.9 0.0 149.4
176 66.9 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

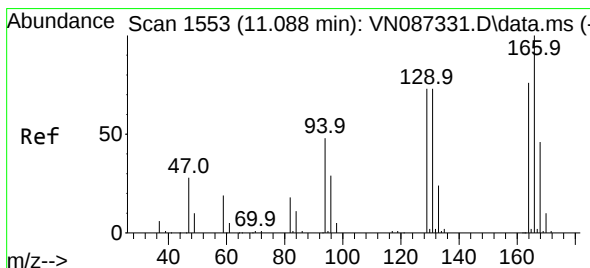
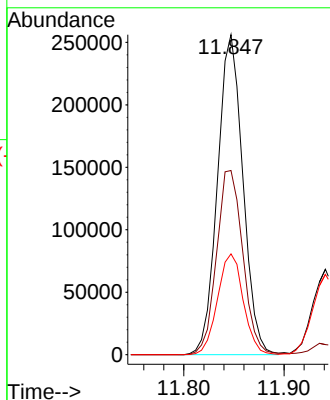
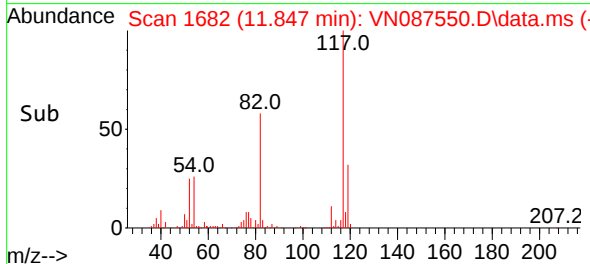
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 450820
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.5 23.8 35.8

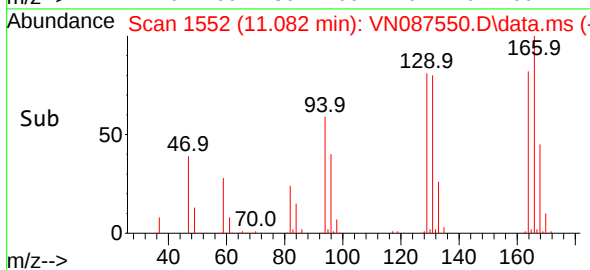
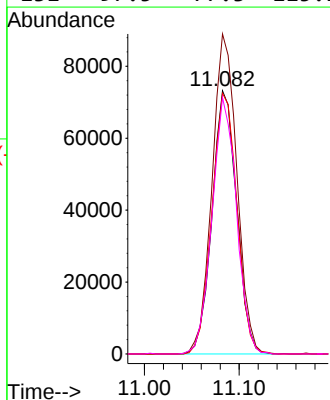
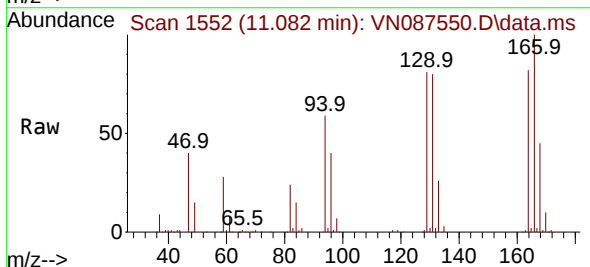
Manual Integrations
APPROVED

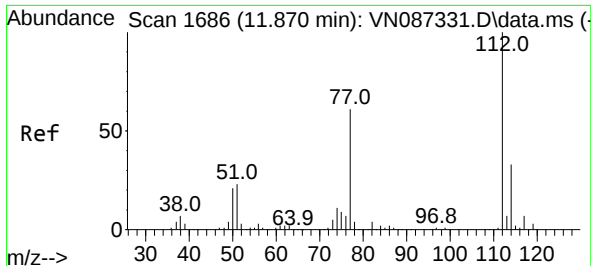
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 45.470 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

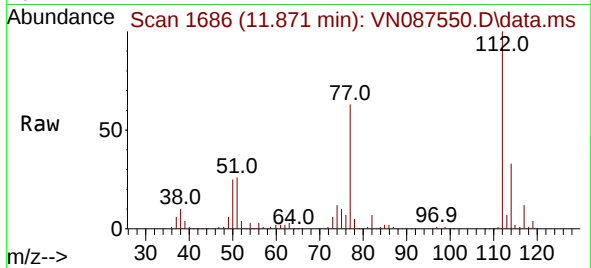
Tgt Ion:164 Resp: 131930
Ion Ratio Lower Upper
164 100
166 121.6 105.5 158.3
129 99.0 77.4 116.2
131 97.5 77.3 115.9





#65
Chlorobenzene
Concen: 50.008 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

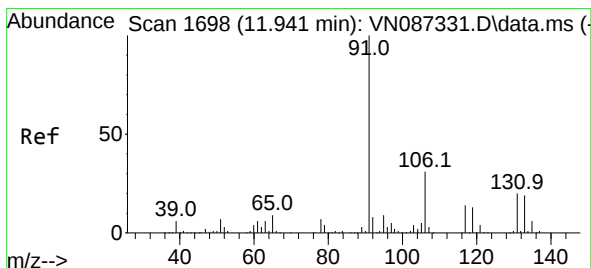
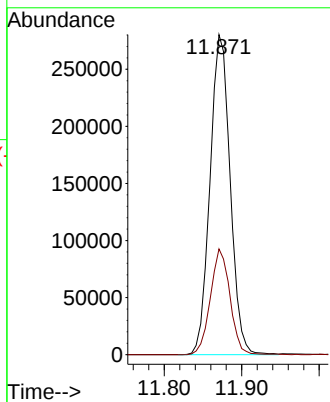
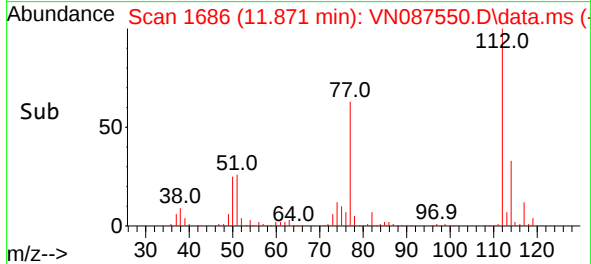
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 506144
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7

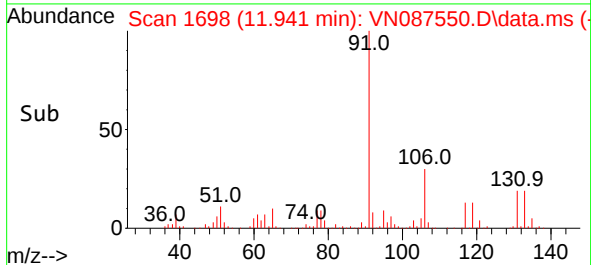
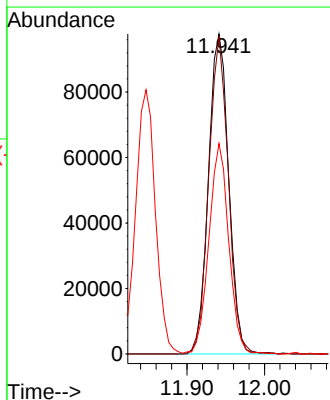
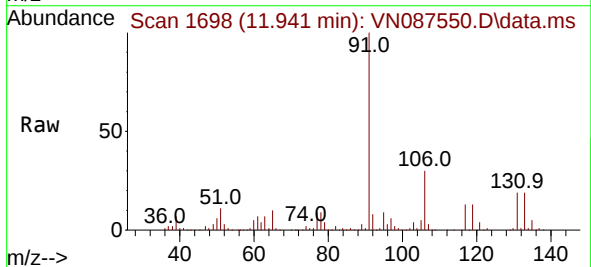
Manual Integrations
APPROVED

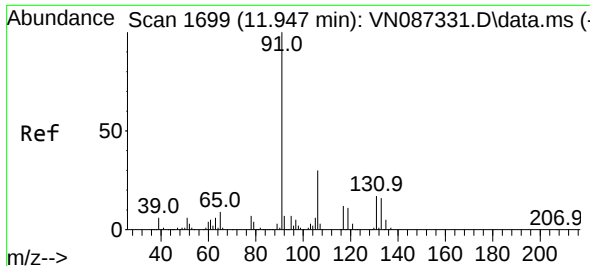
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.480 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

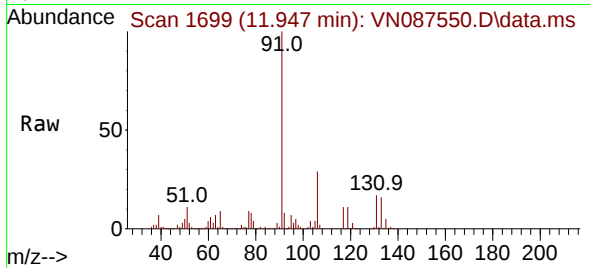
Tgt Ion:131 Resp: 177174
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 64.6 33.1 99.2





#67
Ethyl Benzene
Concen: 53.868 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

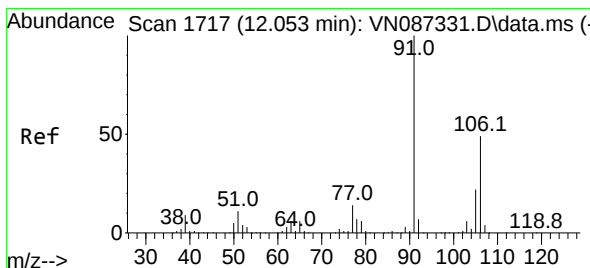
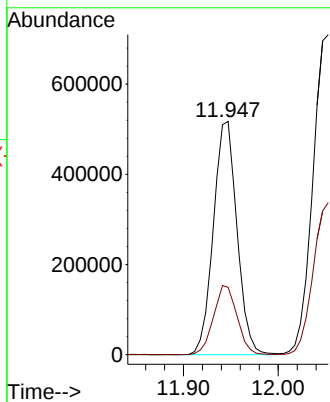
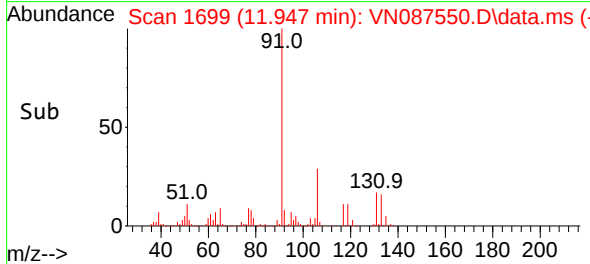
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



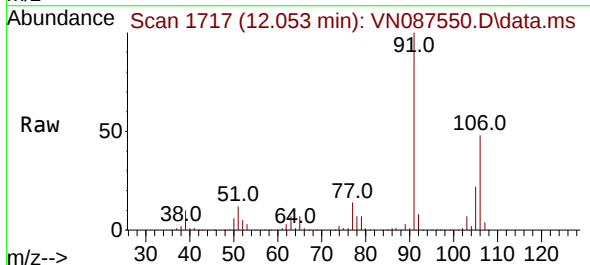
Tgt Ion: 91 Resp: 89754
Ion Ratio Lower Upper
91 100
106 28.9 24.3 36.5

Manual Integrations
APPROVED

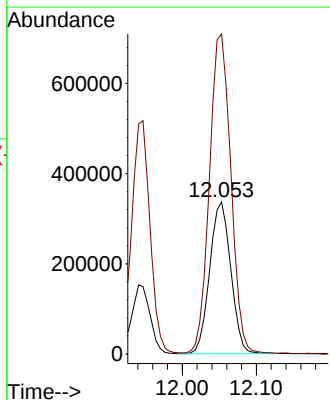
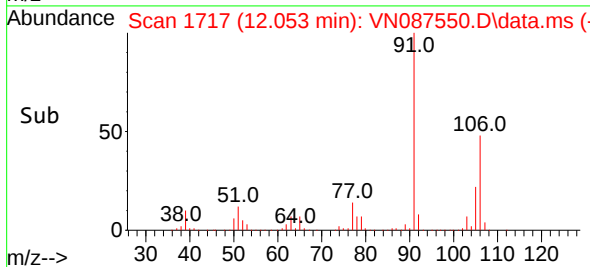
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

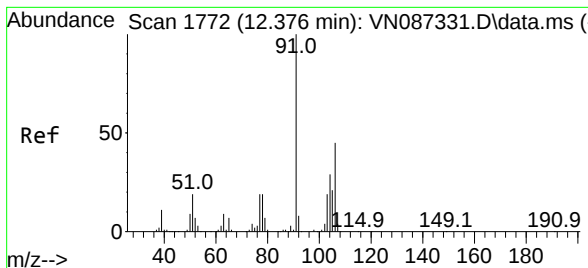


#68
m/p-Xylenes
Concen: 106.493 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



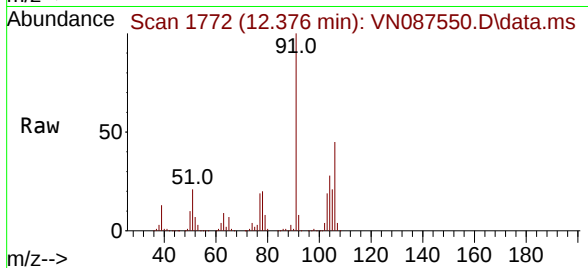
Tgt Ion:106 Resp: 664441
Ion Ratio Lower Upper
106 100
91 214.8 162.0 243.0





#69
o-Xylene
Concen: 55.446 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

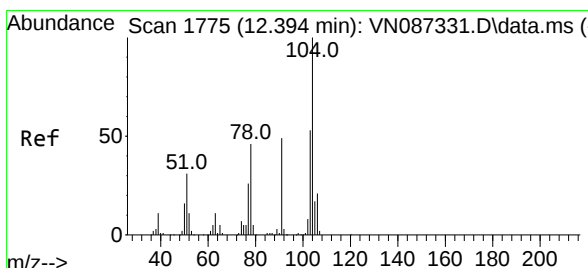
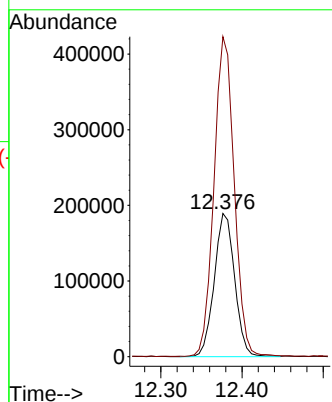
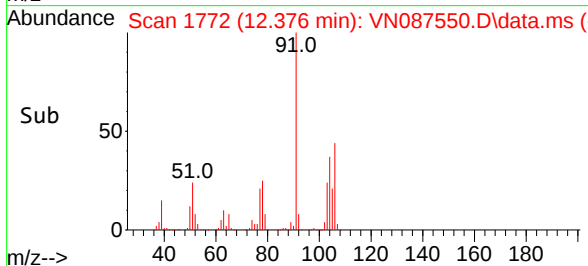
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 330454
Ion Ratio Lower Upper
106 100
91 221.6 107.7 323.3

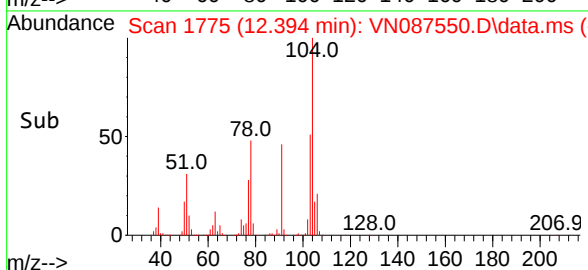
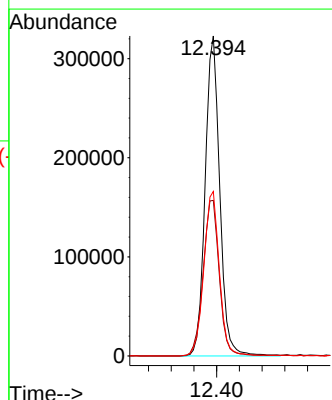
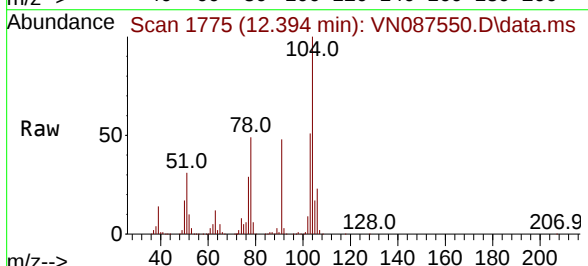
Manual Integrations
APPROVED

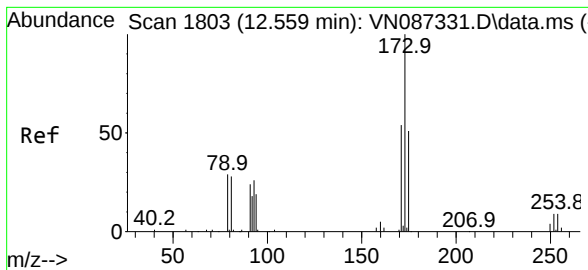
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 57.242 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

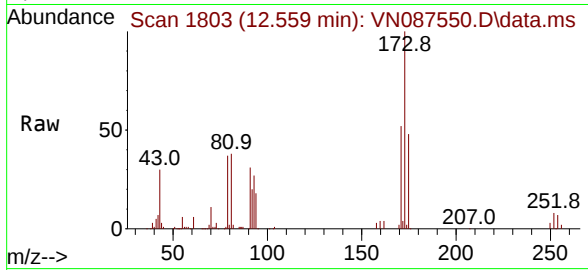
Tgt Ion:104 Resp: 573909
Ion Ratio Lower Upper
104 100
78 53.8 41.0 61.6
103 54.8 43.9 65.9





#71
Bromoform
Concen: 48.261 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

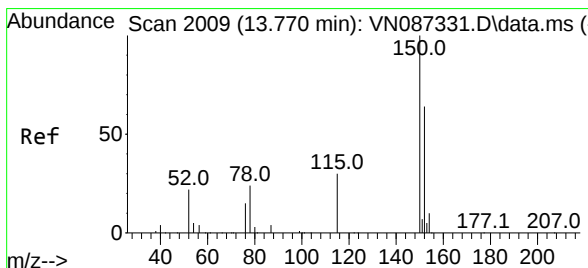
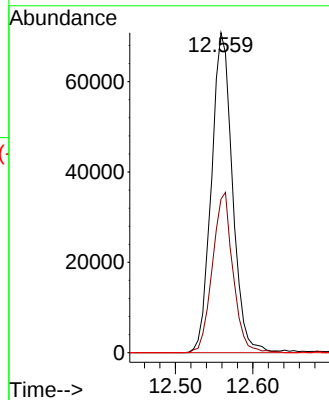
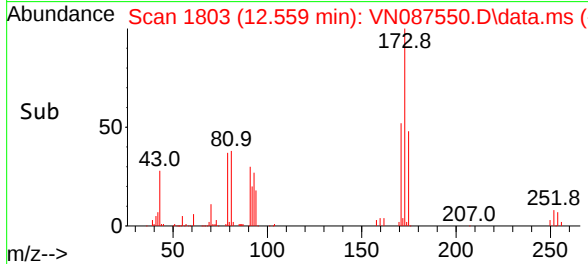
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



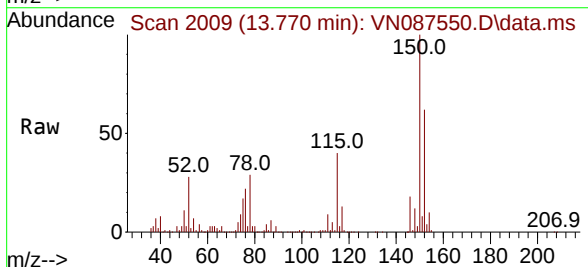
Tgt Ion:173 Resp: 134184
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

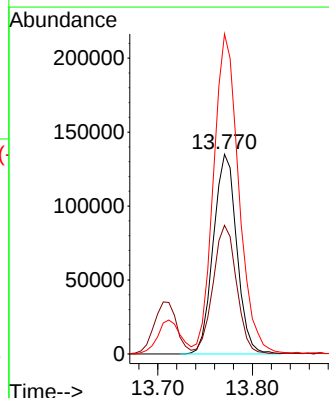
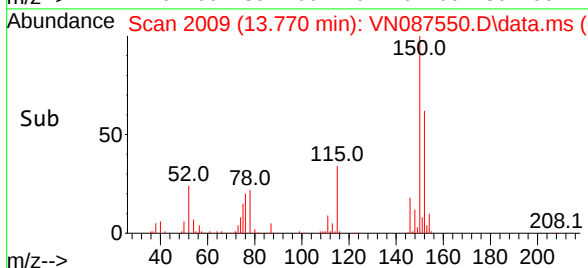
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

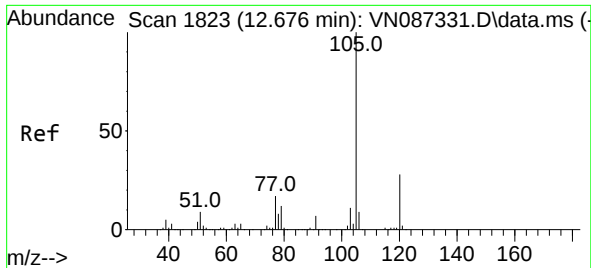


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



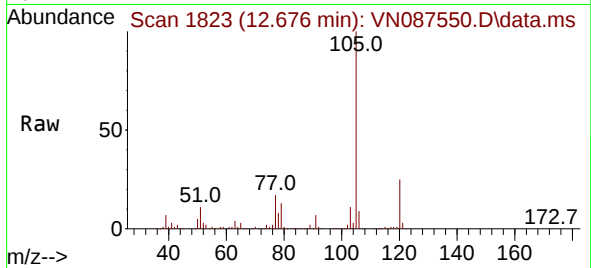
Tgt Ion:152 Resp: 231987
Ion Ratio Lower Upper
152 100
115 64.5 31.1 93.5
150 172.0 0.0 349.0





#73
Isopropylbenzene
Concen: 57.718 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

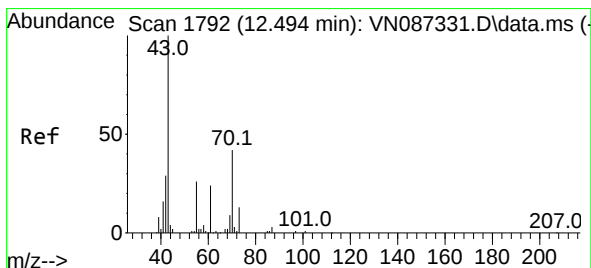
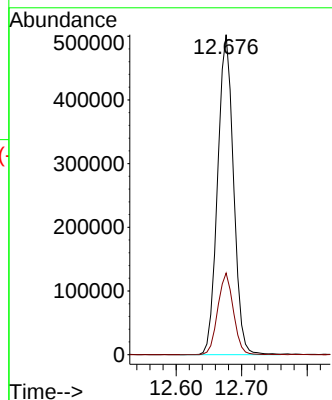
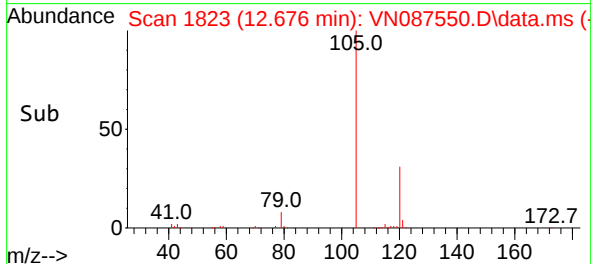
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 842735
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1

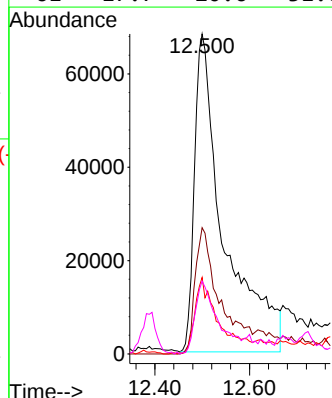
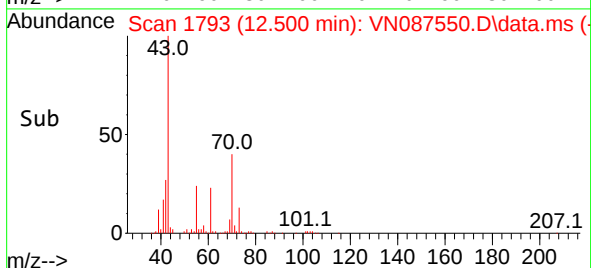
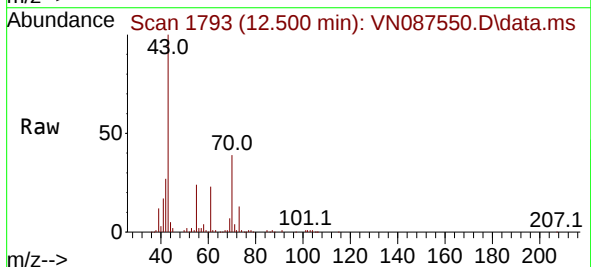
Manual Integrations
APPROVED

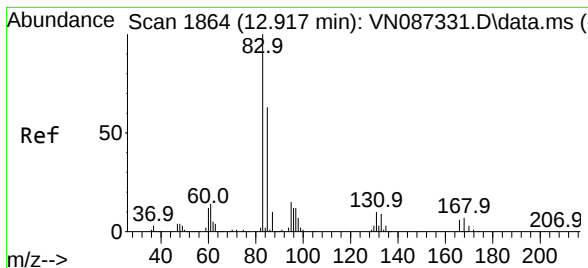
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#74
N-ethyl acetate
Concen: 48.368 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

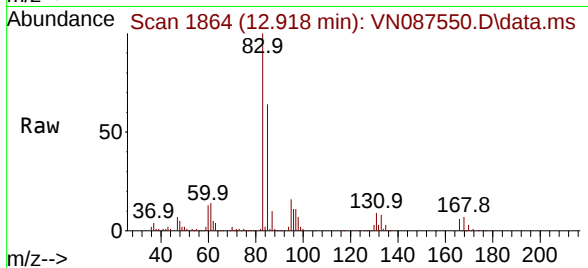
Tgt Ion: 43 Resp: 293417
Ion Ratio Lower Upper
43 100
70 33.7 37.6 56.4#
55 19.5 19.6 29.4#
61 17.7 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 54.899 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

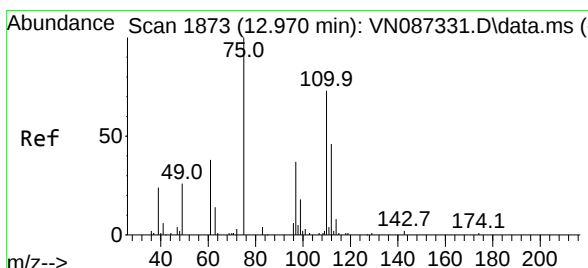
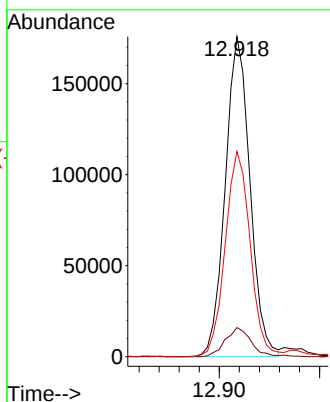
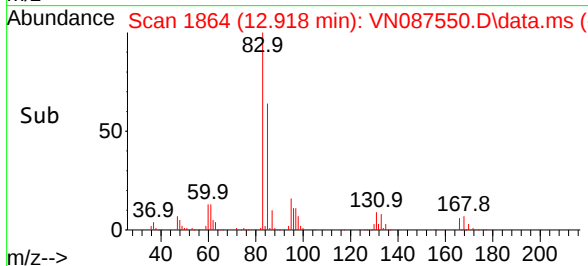
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 301610
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.9 32.5 97.4

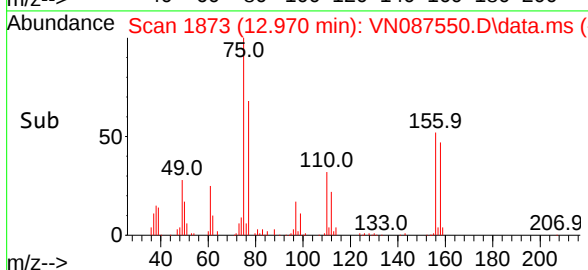
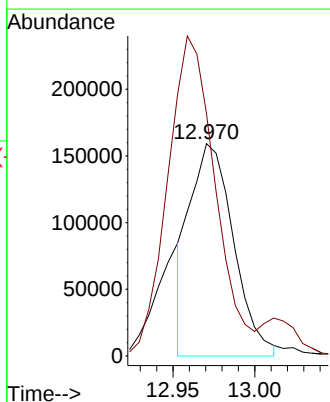
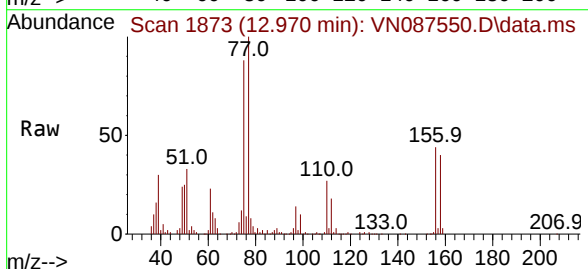
Manual Integrations
APPROVED

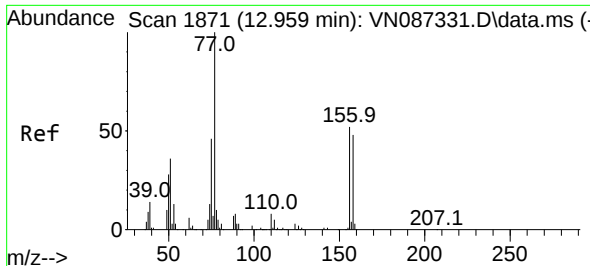
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#76
1,2,3-Trichloropropane
Concen: 56.756 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

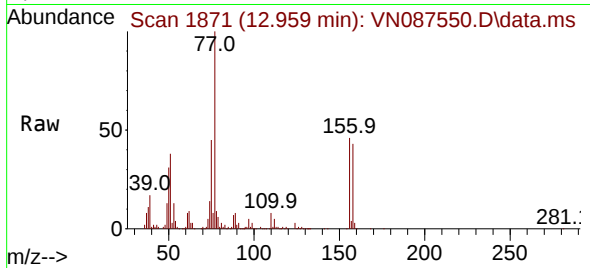
Tgt Ion: 75 Resp: 295250
Ion Ratio Lower Upper
75 100
77 164.6 94.5 283.6





#77
Bromobenzene
Concen: 53.228 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

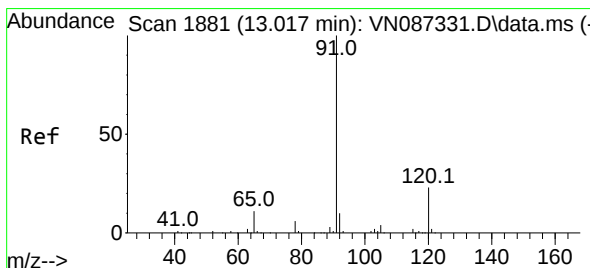
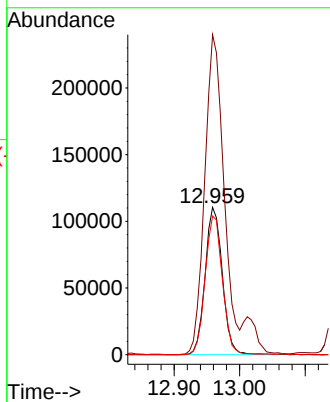
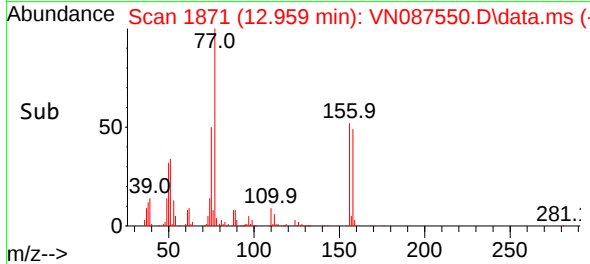
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



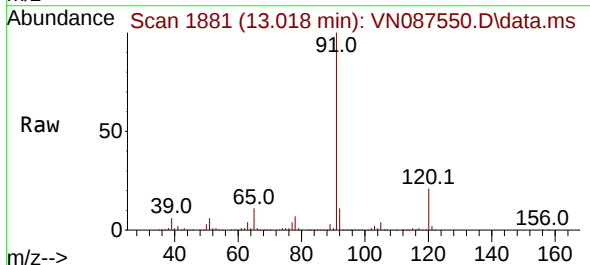
Tgt Ion:156 Resp: 201550
Ion Ratio Lower Upper
156 100
77 241.2 114.9 344.6
158 94.7 48.5 145.5

Manual Integrations
APPROVED

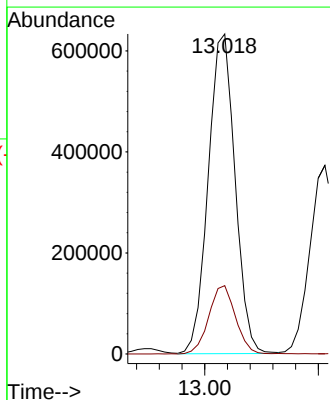
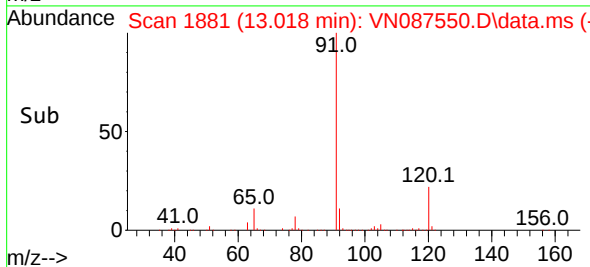
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

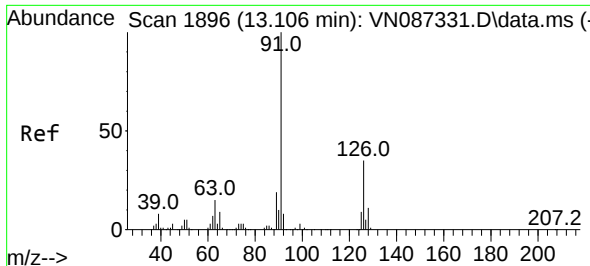


#78
n-propylbenzene
Concen: 56.533 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



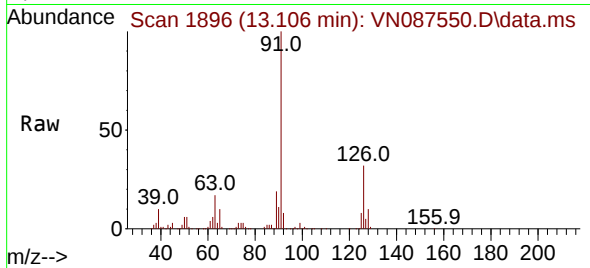
Tgt Ion: 91 Resp: 1038517
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.8





#79
2-Chlorotoluene
Concen: 56.106 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

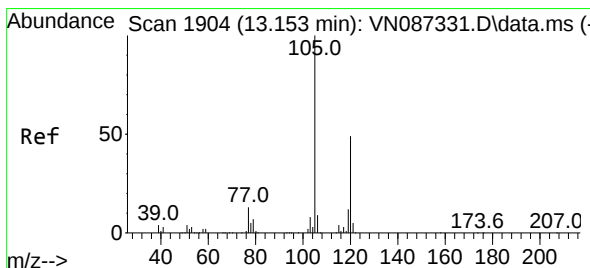
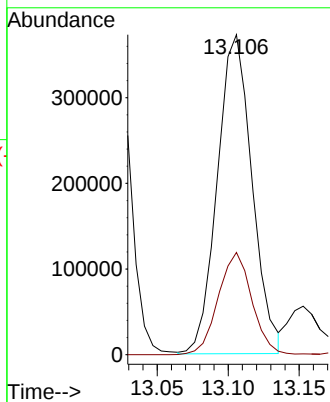
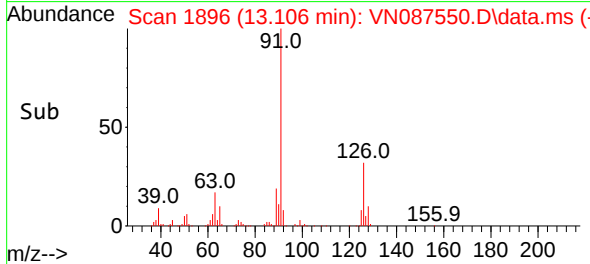
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



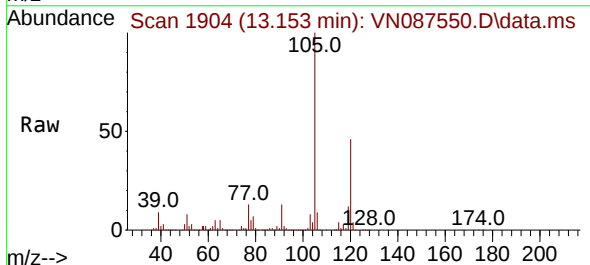
Tgt Ion: 91 Resp: 63343
Ion Ratio Lower Upper
91 100
126 31.1 16.9 50.6

Manual Integrations
APPROVED

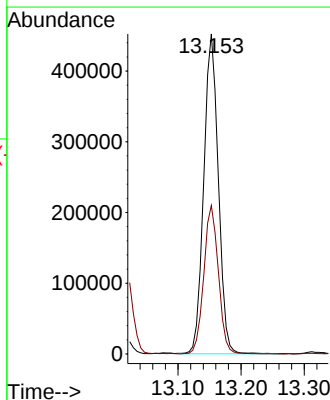
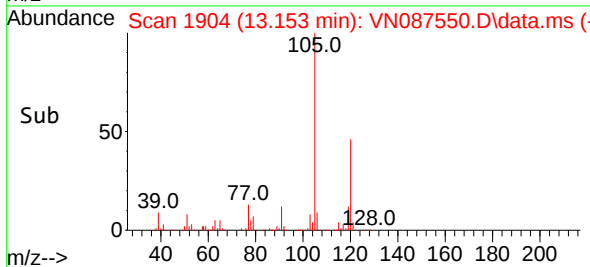
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

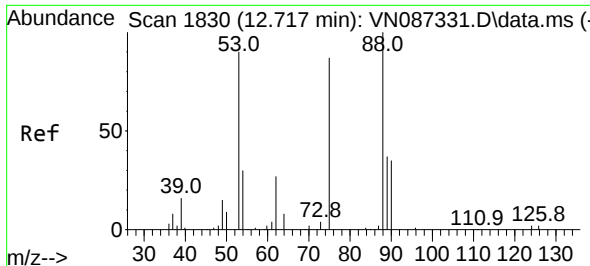


#80
1,3,5-Trimethylbenzene
Concen: 58.223 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



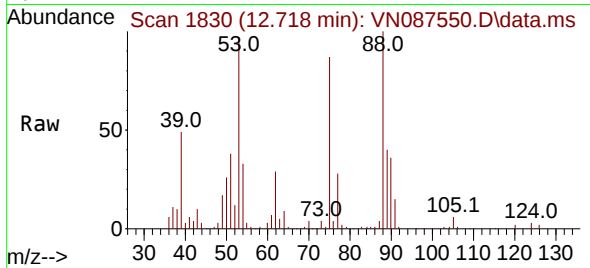
Tgt Ion:105 Resp: 724306
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.470 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

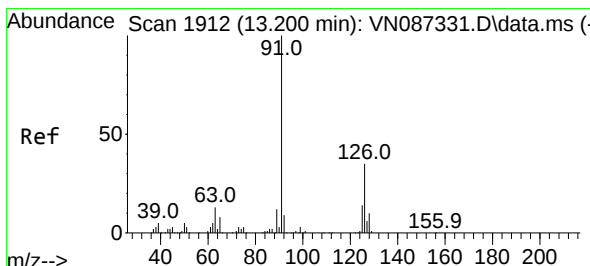
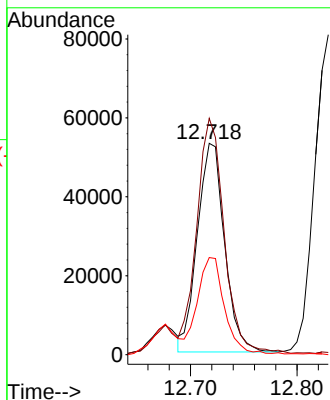
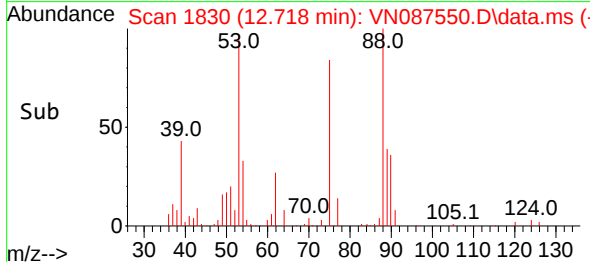
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 9405
Ion Ratio Lower Upper
75 100
53 113.3 83.5 125.3
89 45.3 38.4 57.6

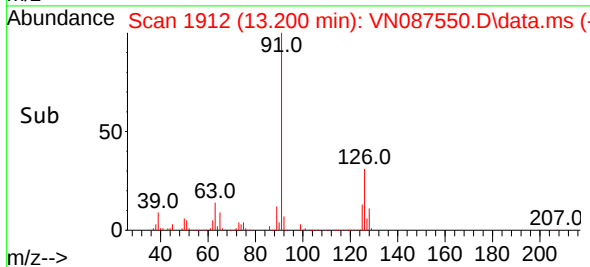
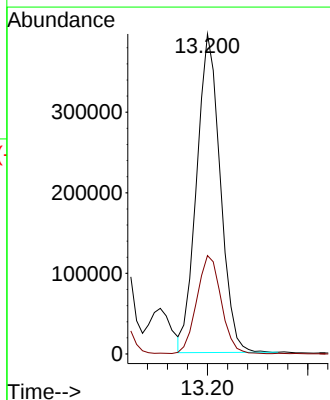
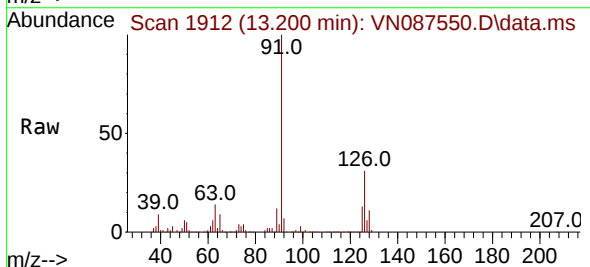
Manual Integrations
APPROVED

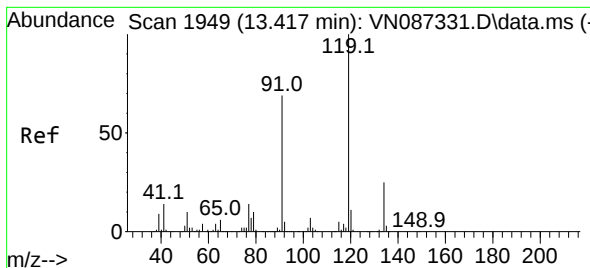
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 55.152 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

Tgt Ion: 91 Resp: 648270
Ion Ratio Lower Upper
91 100
126 31.7 16.6 49.7





#83
 tert-Butylbenzene
 Concen: 58.444 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

Instrument :

MSVOA_N

ClientSampleId :

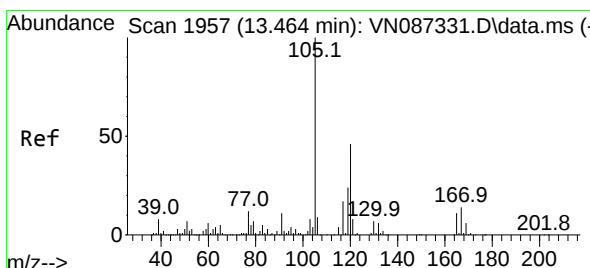
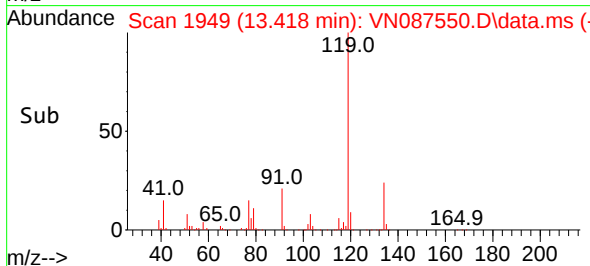
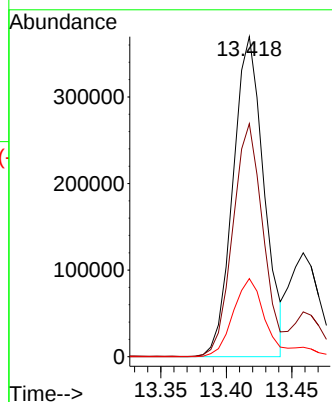
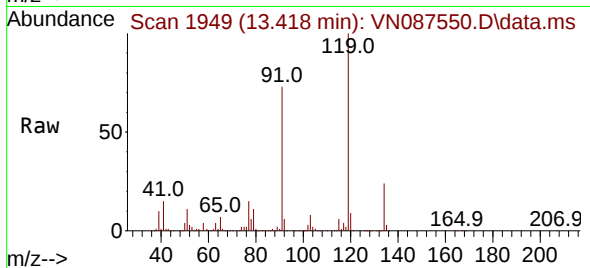
VSTDCCC050EC

Tgt Ion:119 Resp: 607239
 Ion Ratio Lower Upper
 119 100
 91 72.2 35.0 105.1
 134 26.8 12.6 37.6

Manual Integrations

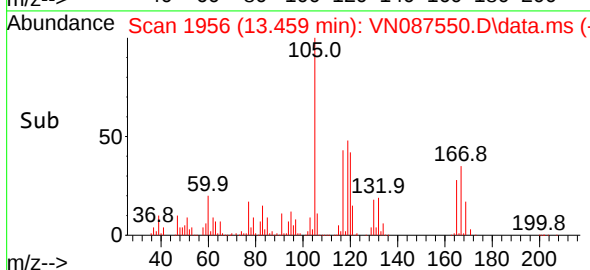
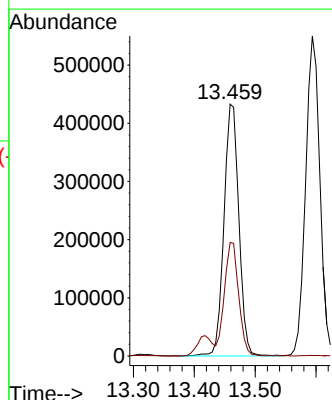
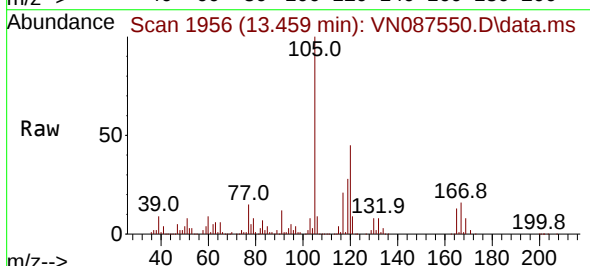
APPROVED

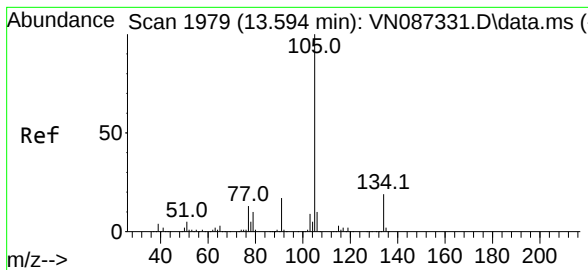
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 57.921 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

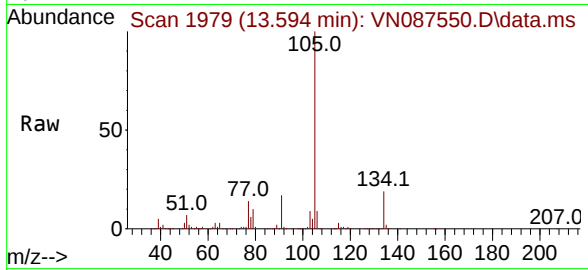
Tgt Ion:105 Resp: 735833
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 57.067 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

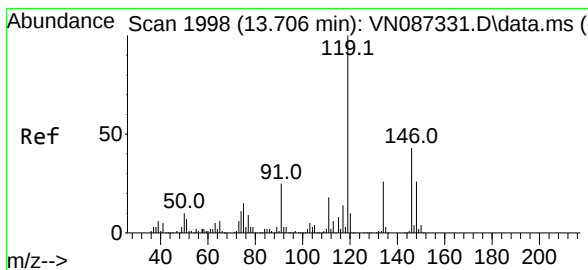
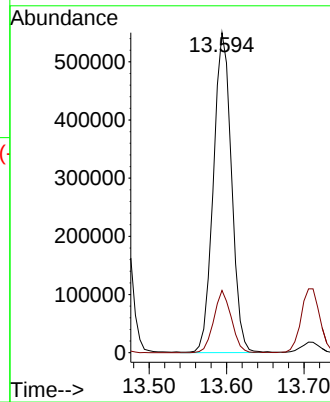
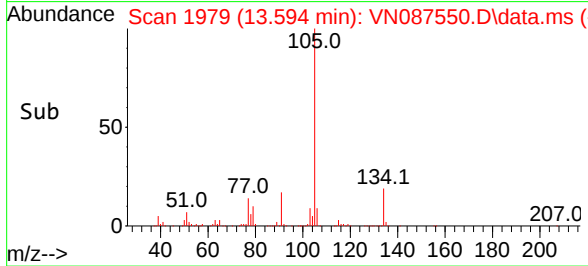
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



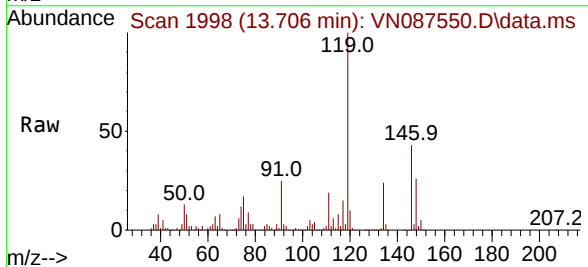
Tgt Ion:105 Resp: 893124
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

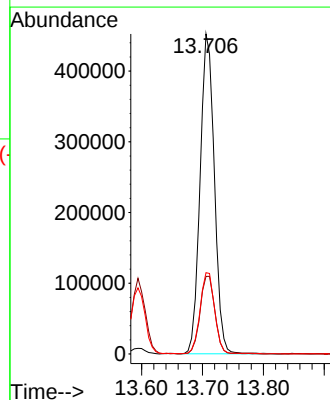
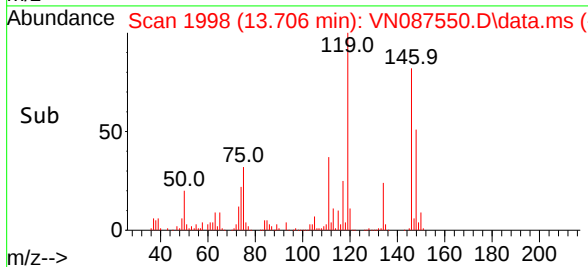
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

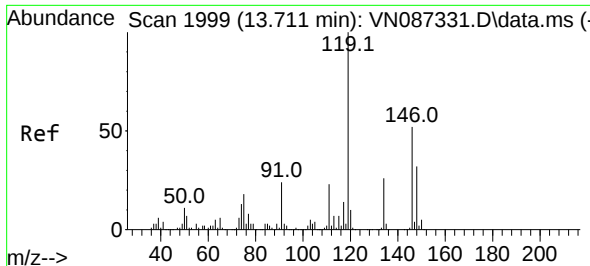


#86
 p-Isopropyltoluene
 Concen: 58.790 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46



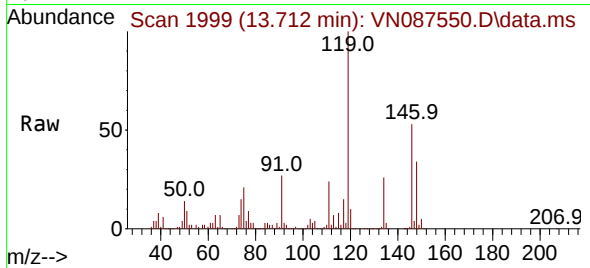
Tgt Ion:119 Resp: 737348
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.5
 91 25.8 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 51.824 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

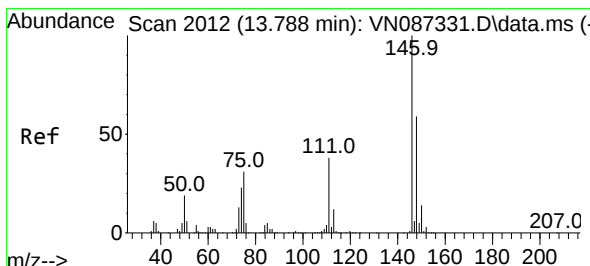
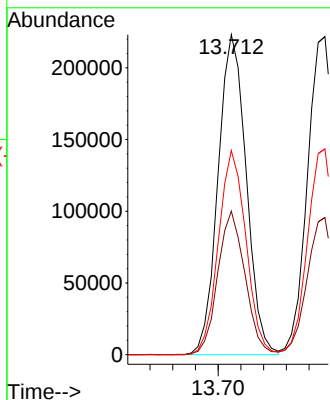
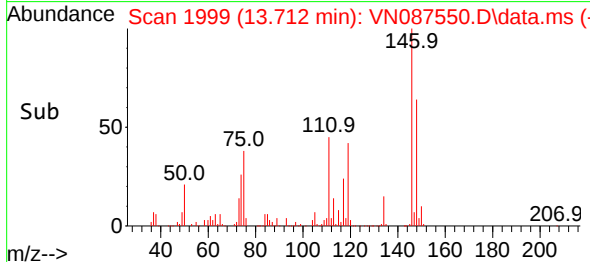
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



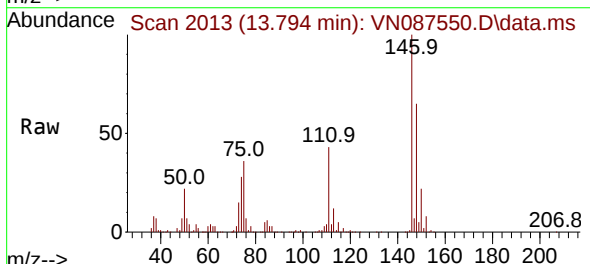
Tgt Ion:146 Resp: 38514
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 62.5 31.6 95.0

Manual Integrations
APPROVED

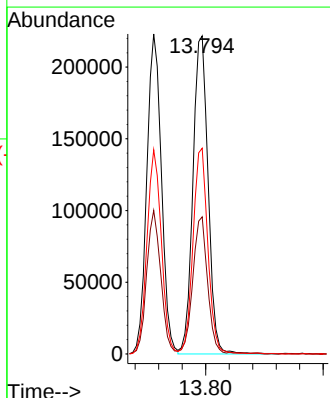
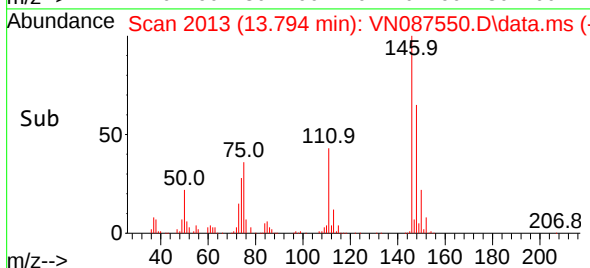
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

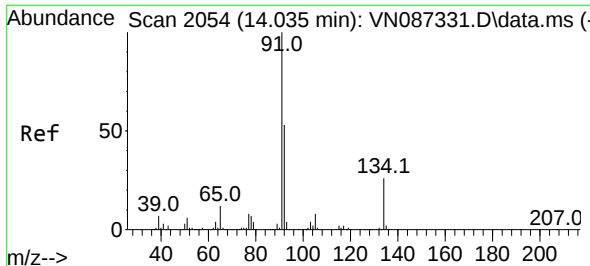


#88
1,4-Dichlorobenzene
Concen: 49.865 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



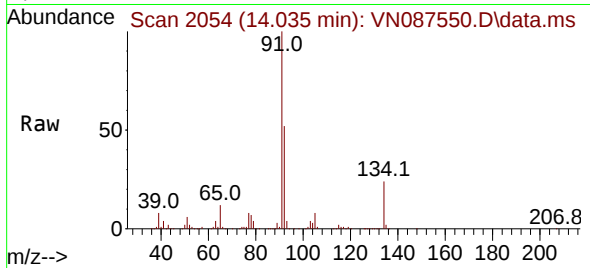
Tgt Ion:146 Resp: 395790
Ion Ratio Lower Upper
146 100
111 41.4 19.6 58.7
148 63.0 31.4 94.0





#89
n-Butylbenzene
Concen: 59.960 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

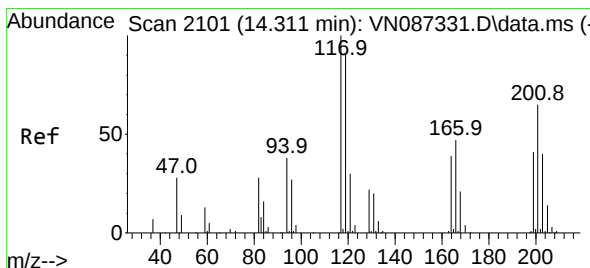
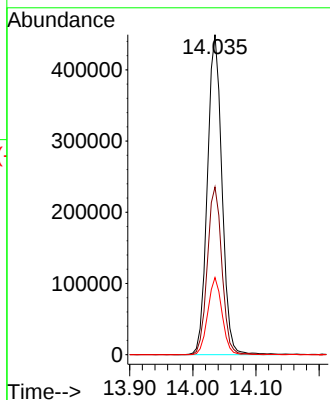
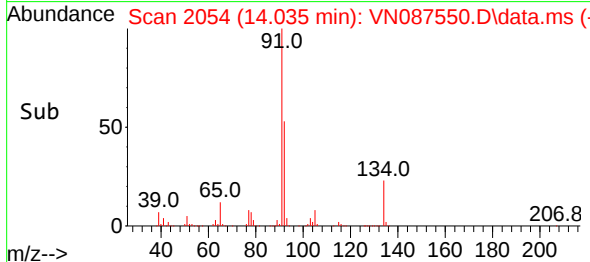
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 718085
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 23.6 12.4 37.2

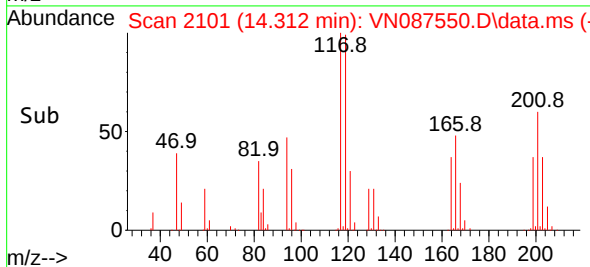
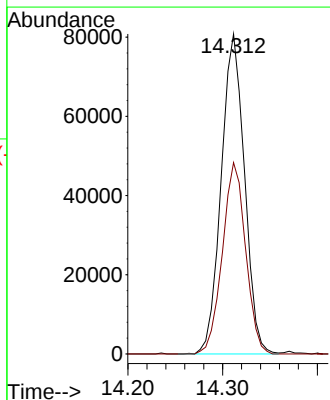
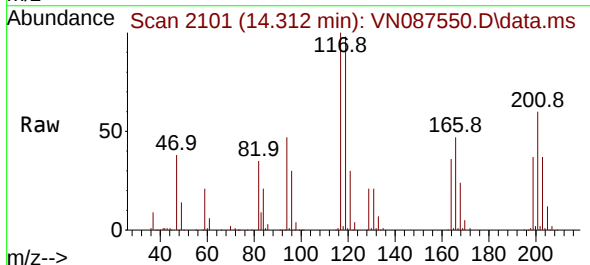
Manual Integrations
APPROVED

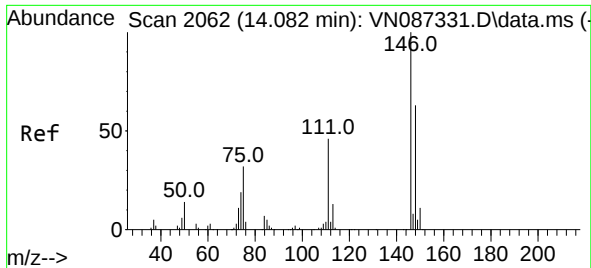
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 51.920 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

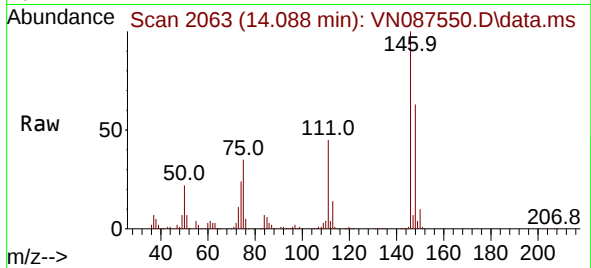
Tgt Ion:117 Resp: 137970
Ion Ratio Lower Upper
117 100
201 59.5 32.8 98.4





#91
 1,2-Dichlorobenzene
 Concen: 53.442 ug/l
 RT: 14.088 min Scan# 2063
 Delta R.T. 0.006 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46

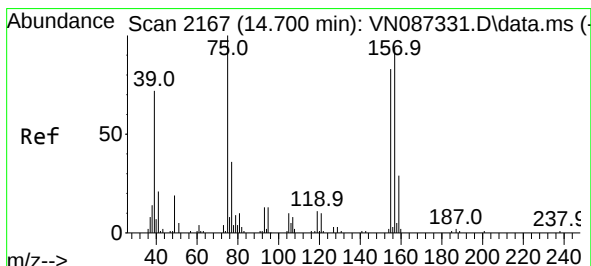
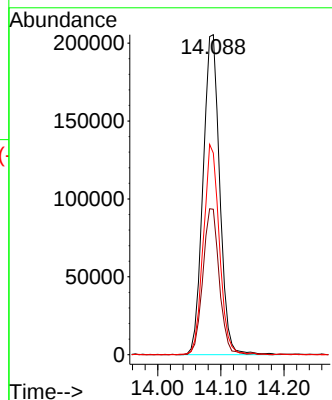
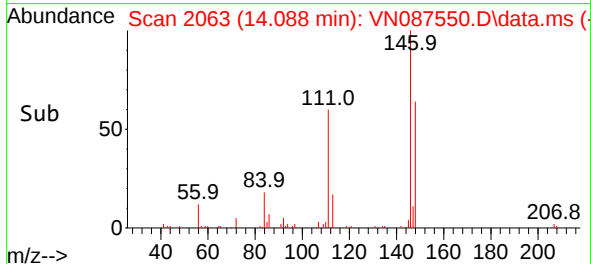
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



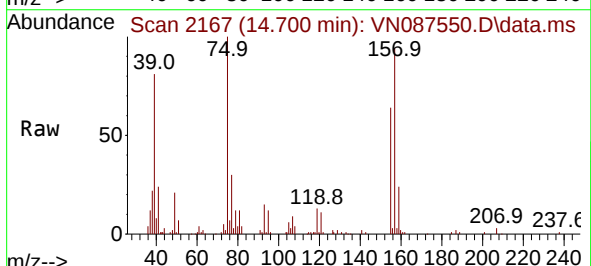
Tgt Ion:146 Resp: 376258
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.0 66.0
 148 63.2 32.7 98.1

Manual Integrations
 APPROVED

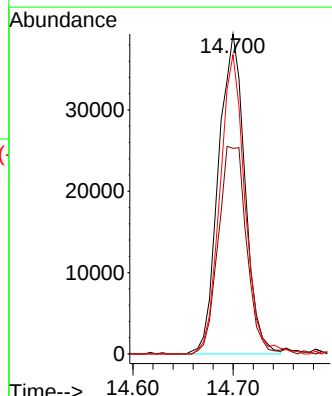
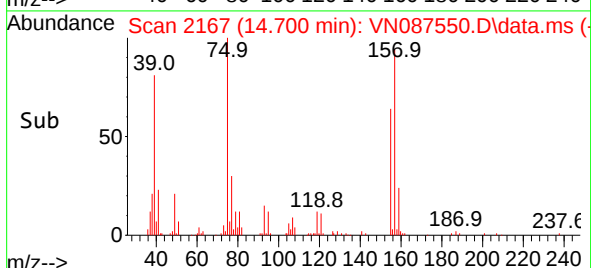
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

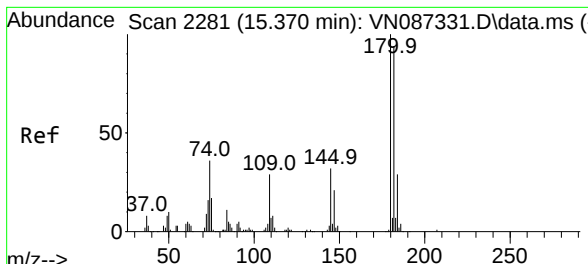


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.742 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087550.D
 Acq: 13 Aug 2025 20:46



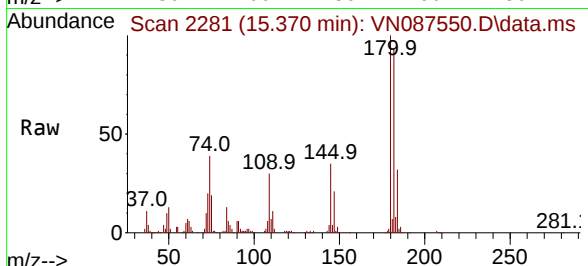
Tgt Ion: 75 Resp: 71749
 Ion Ratio Lower Upper
 75 100
 155 69.6 37.3 111.8
 157 88.8 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 52.891 ug/l
RT: 15.370 min Scan# 218738
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46

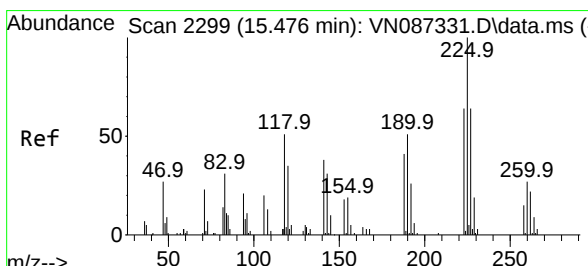
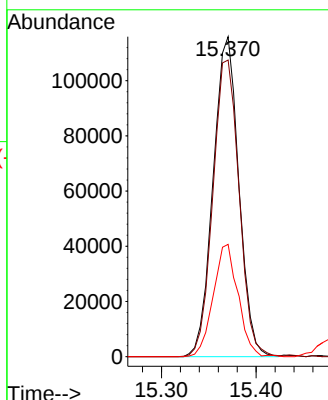
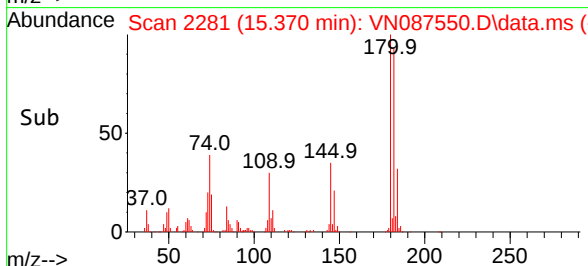
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



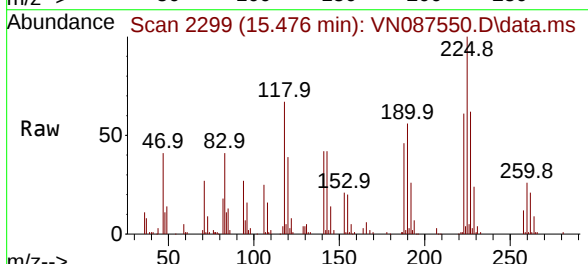
Tgt Ion:180 Resp: 218738
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 33.9 15.4 46.4

Manual Integrations
APPROVED

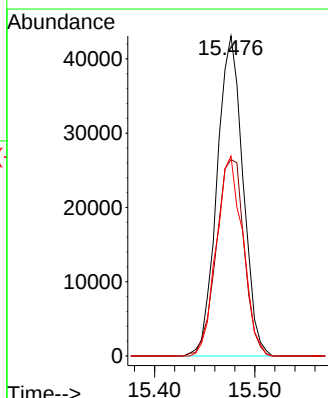
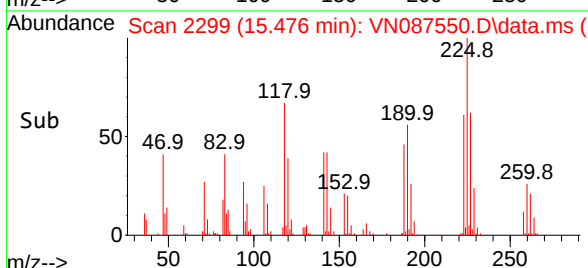
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

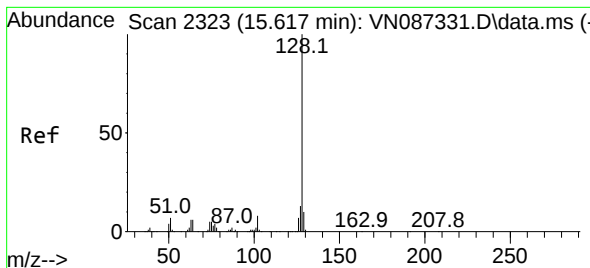


#94
Hexachlorobutadiene
Concen: 50.424 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087550.D
Acq: 13 Aug 2025 20:46



Tgt Ion:225 Resp: 77486
Ion Ratio Lower Upper
225 100
223 65.8 32.1 96.3
227 63.4 31.3 93.9





#95

Naphthalene

Concen: 56.493 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 827674

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

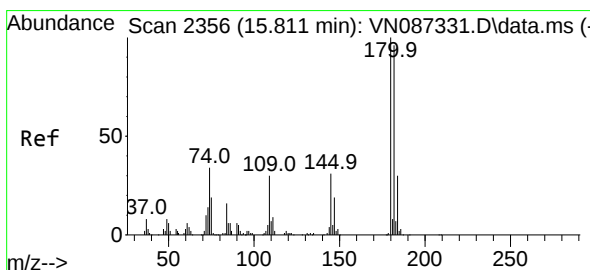
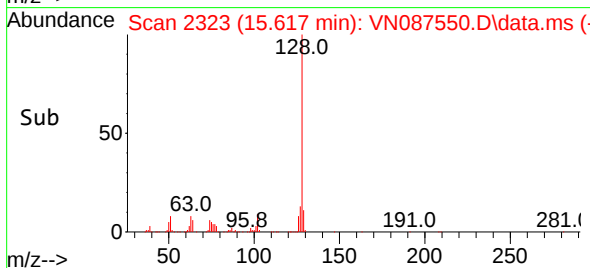
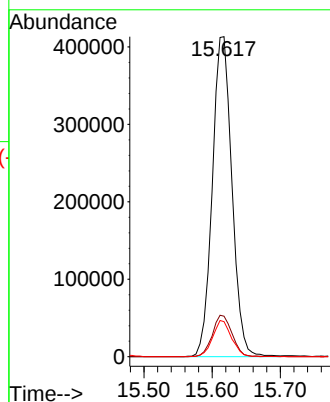
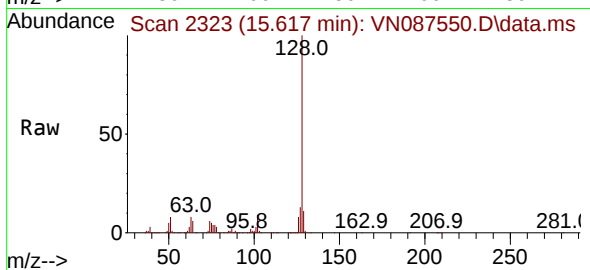
129 10.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.013 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087550.D

Acq: 13 Aug 2025 20:46

Tgt Ion:180 Resp: 211626

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.4

145 36.5 16.9 50.6

