

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086967.D
 Acq On : 12 Jun 2025 10:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:23:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	185417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123469	49.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.480%		
35) Dibromofluoromethane	8.171	113	106483	53.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.320%		
50) Toluene-d8	10.570	98	391763	49.865	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.847	95	148573	50.900	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	106709	57.720	ug/l	98
3) Chloromethane	2.395	50	108810	45.579	ug/l	97
4) Vinyl Chloride	2.553	62	138275	56.150	ug/l	100
5) Bromomethane	2.983	94	58697	42.593	ug/l	95
6) Chloroethane	3.147	64	89753	56.423	ug/l	98
7) Trichlorofluoromethane	3.530	101	181868	56.525	ug/l	99
8) Diethyl Ether	3.983	74	80958	57.750	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	115215	56.996	ug/l	99
10) Methyl Iodide	4.612	142	78889	30.105	ug/l	98
11) Tert butyl alcohol	5.541	59	178010	264.263	ug/l	99
12) 1,1-Dichloroethene	4.365	96	115909	56.164	ug/l	96
13) Acrolein	4.200	56	261341	1225.680	ug/l	100
14) Allyl chloride	5.047	41	183070	53.489	ug/l	96
15) Acrylonitrile	5.736	53	446893	283.838	ug/l	99
16) Acetone	4.447	43	345411	262.370	ug/l	98
17) Carbon Disulfide	4.741	76	290732	50.929	ug/l	99
18) Methyl Acetate	5.041	43	220582	57.496	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	429478	57.476	ug/l	98
20) Methylene Chloride	5.294	84	136978	55.575	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	123524	53.798	ug/l	93
22) Diisopropyl ether	6.683	45	404134	56.016	ug/l	96
23) Vinyl Acetate	6.618	43	1710420	280.603	ug/l	99
24) 1,1-Dichloroethane	6.583	63	235055	56.615	ug/l	99
25) 2-Butanone	7.494	43	568015	265.435	ug/l	99
26) 2,2-Dichloropropane	7.500	77	200155	61.975	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	154369	56.216	ug/l	100
28) Bromochloromethane	7.824	49	91966	45.051	ug/l	99
29) Tetrahydrofuran	7.847	42	375385	269.283	ug/l	97
30) Chloroform	7.977	83	235157	56.716	ug/l	99
31) Cyclohexane	8.265	56	195573	48.573	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	194080	55.035	ug/l	99
36) 1,1-Dichloropropene	8.377	75	163397	55.253	ug/l	99
37) Ethyl Acetate	7.571	43	214314	56.930	ug/l	99
38) Carbon Tetrachloride	8.371	117	163155	56.196	ug/l	98
39) Methylcyclohexane	9.606	83	193619	47.789	ug/l	97
40) Benzene	8.612	78	535810	55.408	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	113014	53.455	ug/l	93
42) 1,2-Dichloroethane	8.677	62	165920	56.568	ug/l	100
43) Isopropyl Acetate	8.694	43	332658	55.056	ug/l	98
44) Trichloroethene	9.353	130	127367	55.546	ug/l	99
45) 1,2-Dichloropropane	9.623	63	135691	57.676	ug/l	99
46) Dibromomethane	9.712	93	91491	58.548	ug/l	99
47) Bromodichloromethane	9.888	83	185839	57.801	ug/l	99
48) Methyl methacrylate	9.682	41	151488	54.473	ug/l	97
49) 1,4-Dioxane	9.706	88	56863	1123.948	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	1034245	284.335	ug/l	99
52) Toluene	10.629	92	326256	55.206	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	209818	58.362	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	222616	57.872	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	132313	58.186	ug/l	97
56) Ethyl methacrylate	10.882	69	221650	61.197	ug/l	97
57) 1,3-Dichloropropane	11.165	76	225666	57.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	533435	246.931	ug/l	100
59) 2-Hexanone	11.200	43	688773	293.972	ug/l	94
60) Dibromochloromethane	11.359	129	141556	59.748	ug/l	99
61) 1,2-Dibromoethane	11.470	107	134048	57.512	ug/l	99
64) Tetrachloroethene	11.106	164	97041	52.528	ug/l	97
65) Chlorobenzene	11.894	112	359495	55.838	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	120876	58.407	ug/l	99
67) Ethyl Benzene	11.965	91	612202	55.204	ug/l	98
68) m/p-Xylenes	12.070	106	473273	111.485	ug/l	100
69) o-Xylene	12.400	106	231132	56.848	ug/l	98
70) Styrene	12.412	104	402406	57.840	ug/l	99
71) Bromoform	12.582	173	96167	62.714	ug/l #	100
73) Isopropylbenzene	12.694	105	574574	54.516	ug/l	100
74) N-amyl acetate	12.512	43	198248	53.829	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	208578	58.416	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	178423m	51.884	ug/l	
77) Bromobenzene	12.982	156	140436	58.102	ug/l	100
78) n-propylbenzene	13.035	91	690637	53.921	ug/l	99
79) 2-Chlorotoluene	13.123	91	423429	55.125	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	472681	54.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	87946	58.870	ug/l	92
82) 4-Chlorotoluene	13.223	91	431259	55.488	ug/l	100
83) tert-Butylbenzene	13.435	119	426578	53.555	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	482611	55.309	ug/l	99
85) sec-Butylbenzene	13.617	105	597724	51.674	ug/l	99
86) p-Isopropyltoluene	13.729	119	502935	52.598	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	270297	56.838	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	273209	56.350	ug/l	100
89) n-Butylbenzene	14.053	91	460433	49.714	ug/l	100
90) Hexachloroethane	14.335	117	90778	56.009	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	258754	56.635	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46385	54.321	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	154868	53.083	ug/l	99
94) Hexachlorobutadiene	15.500	225	46332	42.625	ug/l	98
95) Naphthalene	15.641	128	603897	55.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	149151	51.455	ug/l	99

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VSTDCCC050

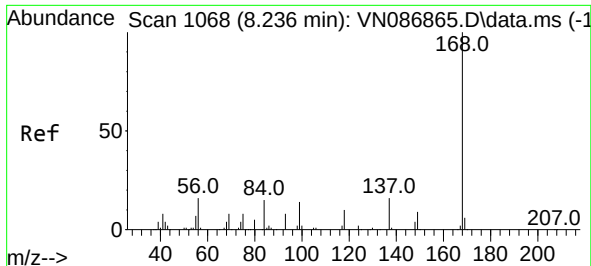
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:23:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

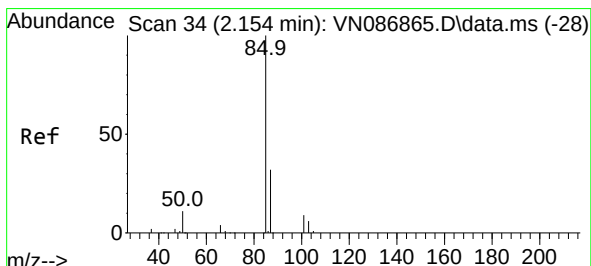
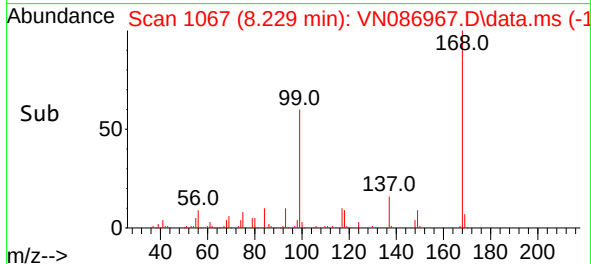
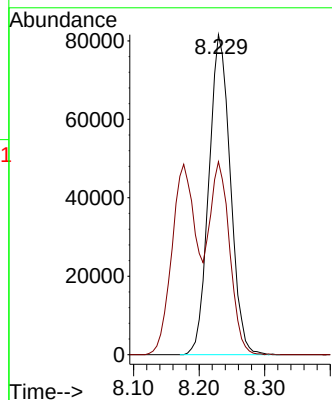
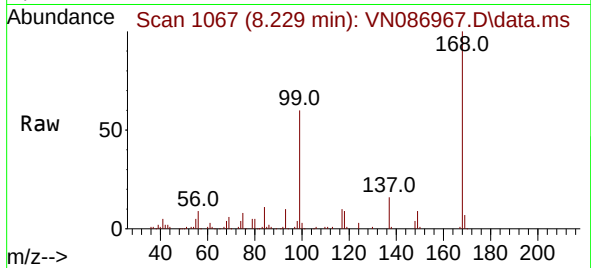
VSTDCCC050

Tgt Ion:168 Resp: 18541
Ion Ratio Lower Upper
168 100
99 60.3 49.1 73.7

Manual Integrations

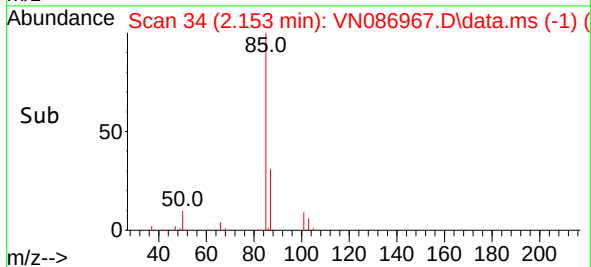
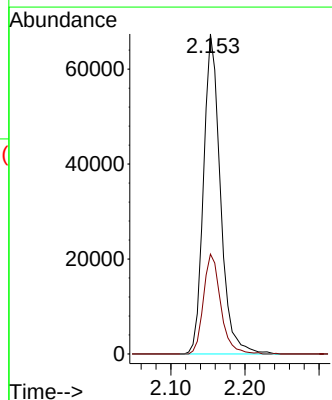
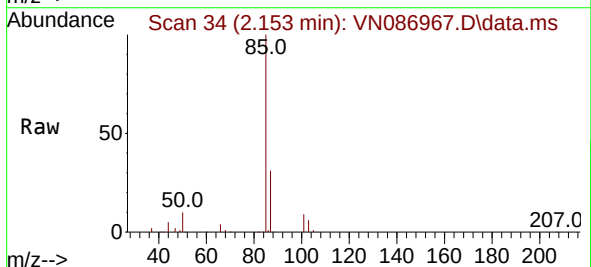
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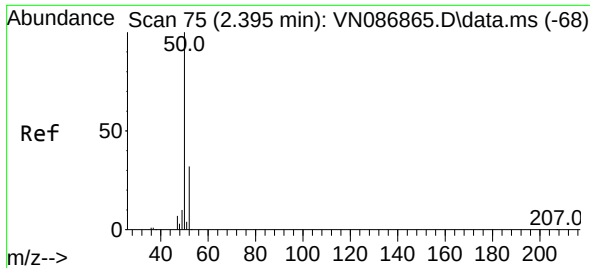
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#2
Dichlorodifluoromethane
Concen: 57.720 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

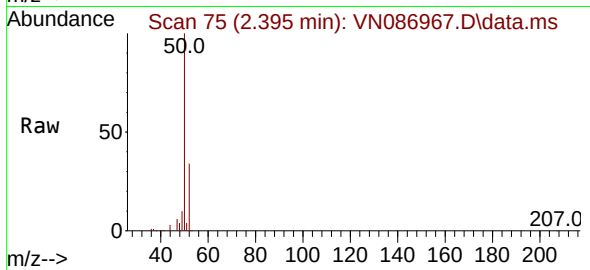
Tgt Ion: 85 Resp: 106709
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6





#3
Chloromethane
Concen: 45.579 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

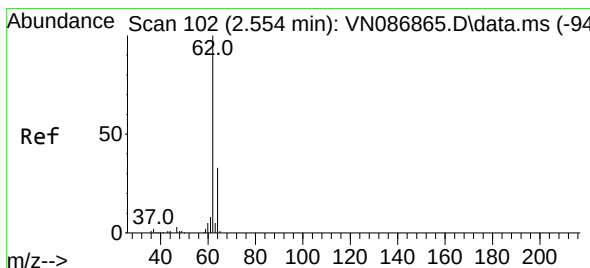
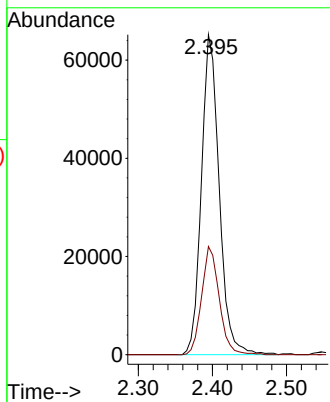
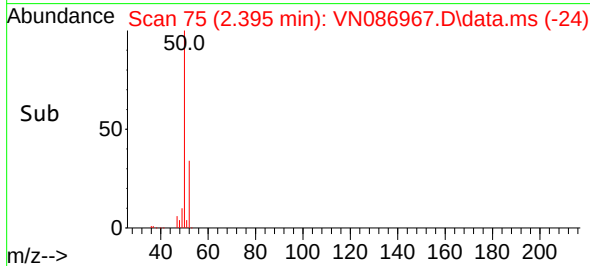
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 50 Resp: 108810
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

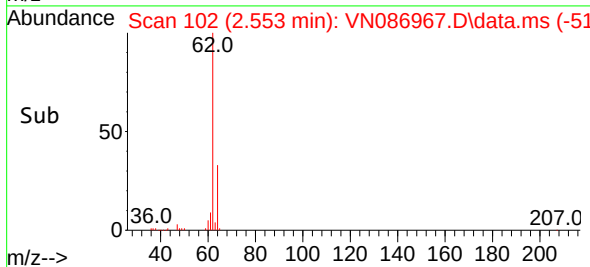
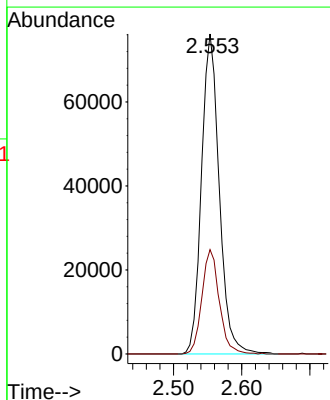
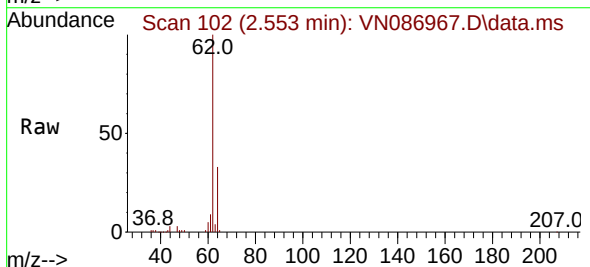
Manual Integrations
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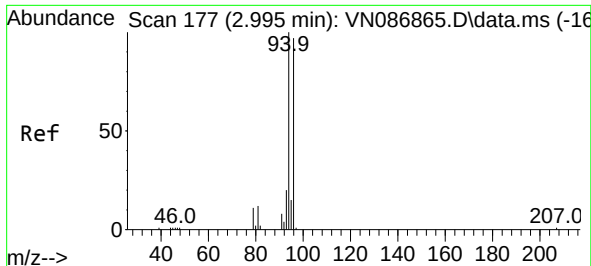
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#4
Vinyl Chloride
Concen: 56.150 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

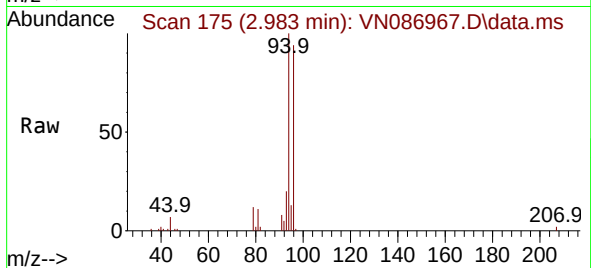
Tgt Ion: 62 Resp: 138275
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 42.593 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086967.D
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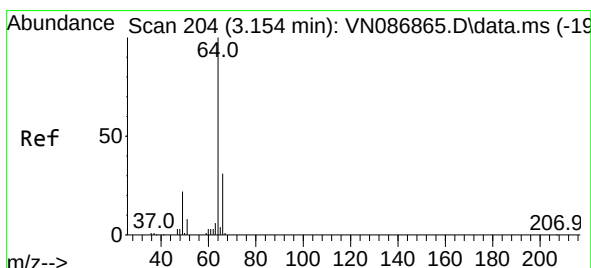
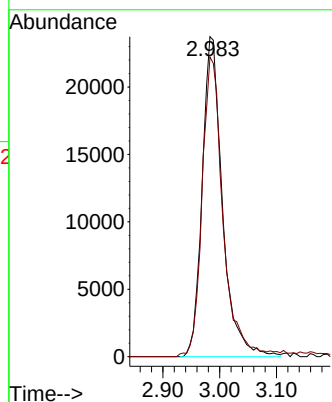
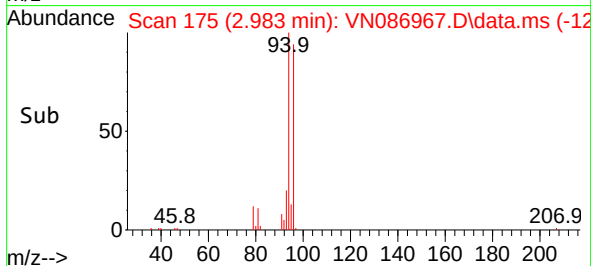
Instrument :
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Tgt Ion: 94 Resp: 5869
Ion Ratio Lower Upper
94 100
96 92.8 77.9 116.9

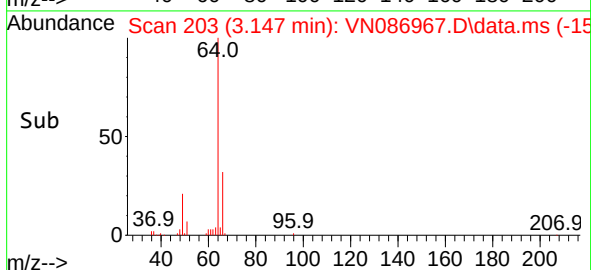
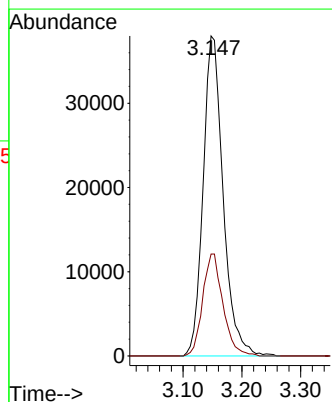
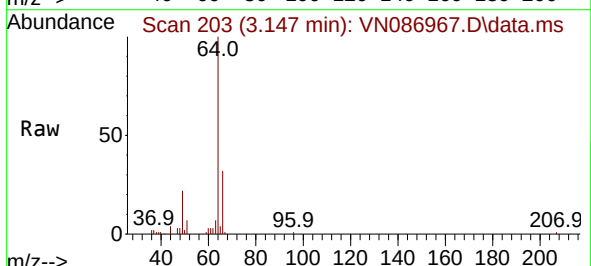
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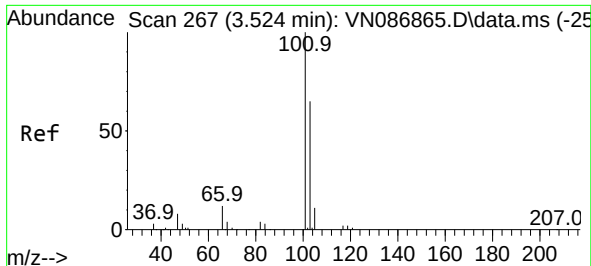
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#6
Chloroethane
Concen: 56.423 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086967.D
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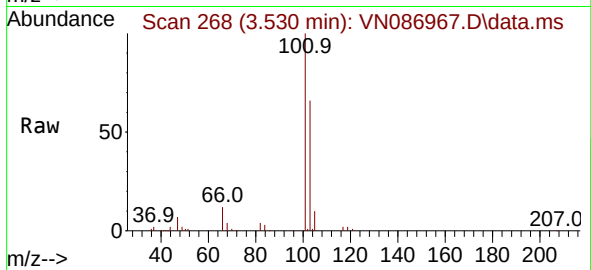
Tgt Ion: 64 Resp: 89753
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 56.525 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

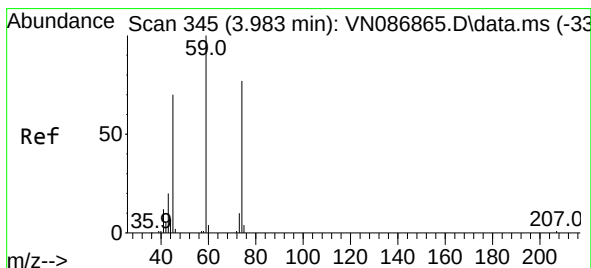
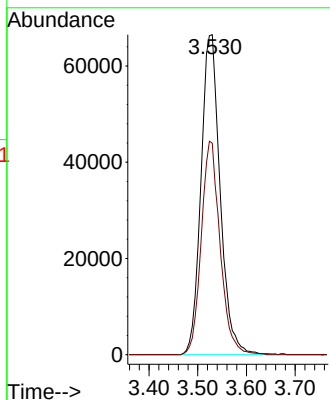
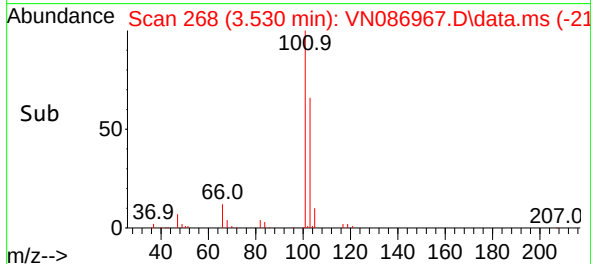
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 18186
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.2

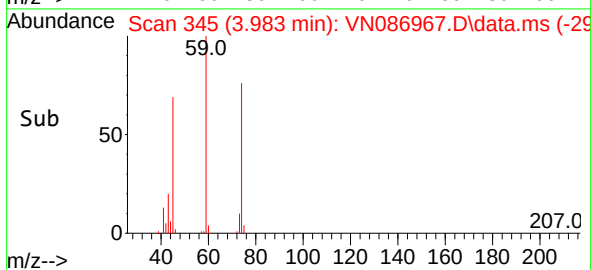
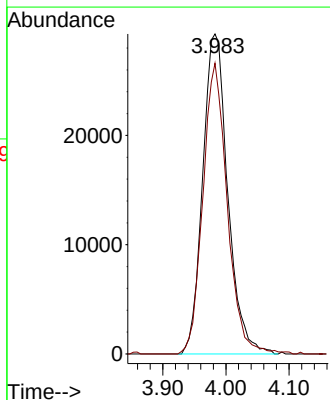
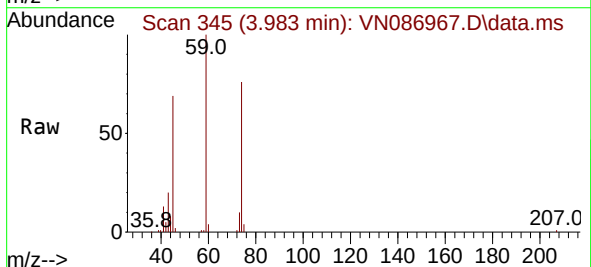
Manual Integrations
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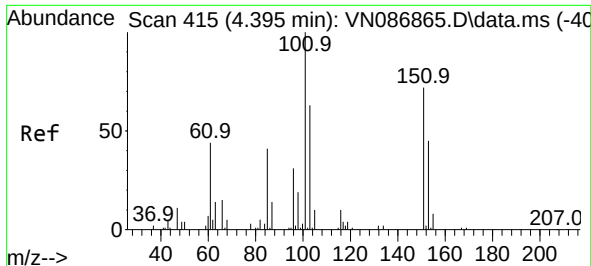
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#8
Diethyl Ether
Concen: 57.750 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Tgt Ion: 74 Resp: 80958
Ion Ratio Lower Upper
74 100
45 88.3 45.5 136.5





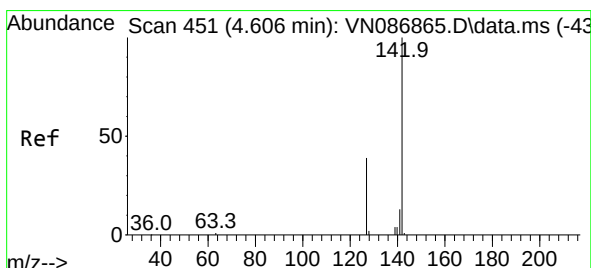
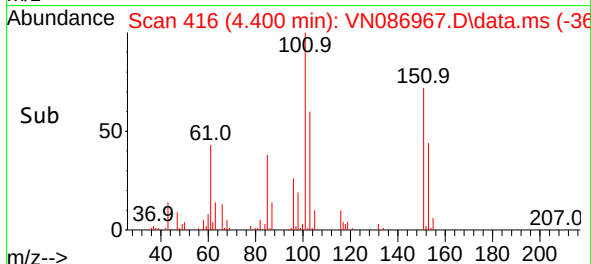
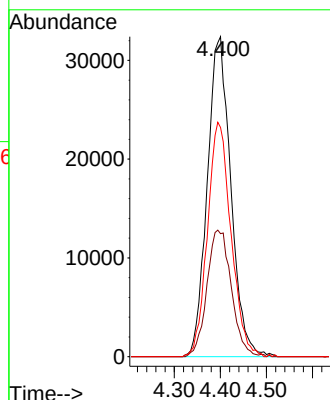
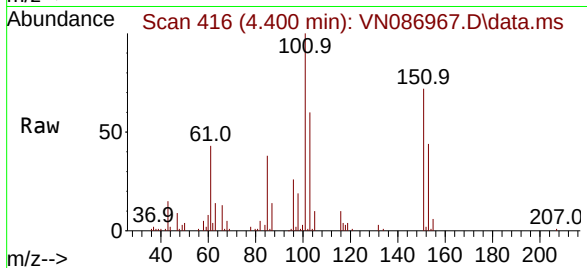
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.996 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 115215
Ion Ratio Lower Upper
101 100
85 41.0 33.8 50.8
151 73.1 58.7 88.1

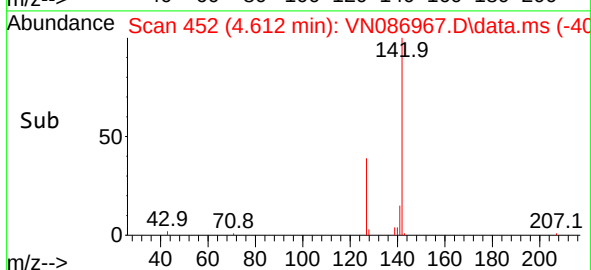
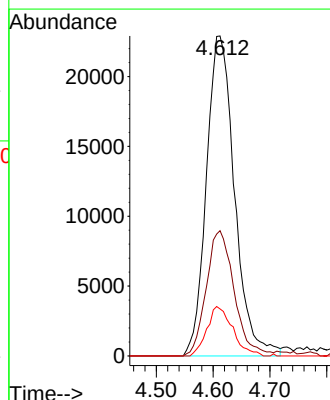
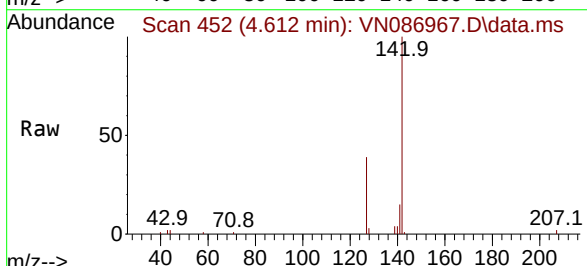
Manual Integrations
APPROVED

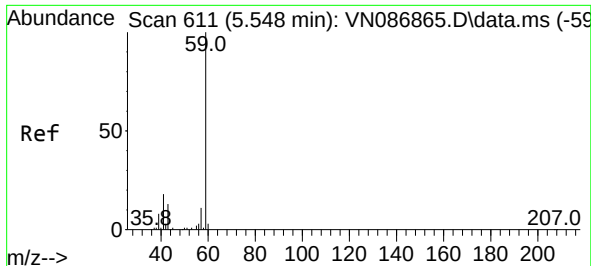
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#10
Methyl Iodide
Concen: 30.105 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

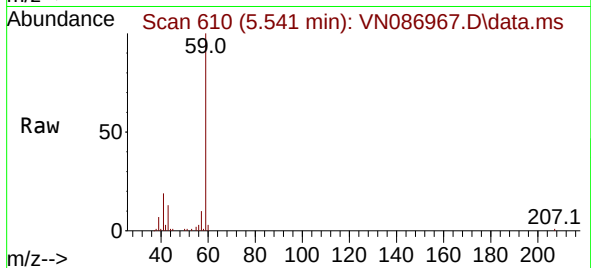
Tgt Ion:142 Resp: 78889
Ion Ratio Lower Upper
142 100
127 39.2 30.9 46.3
141 14.7 10.4 15.6





#11
Tert butyl alcohol
Concen: 264.263 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

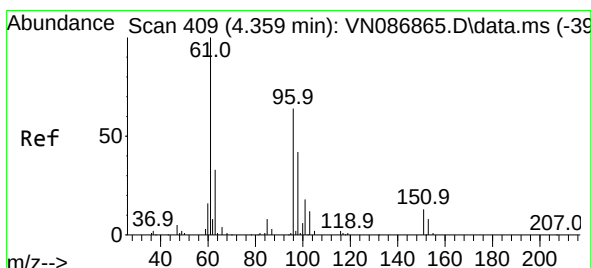
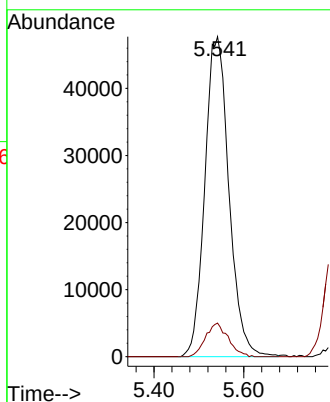
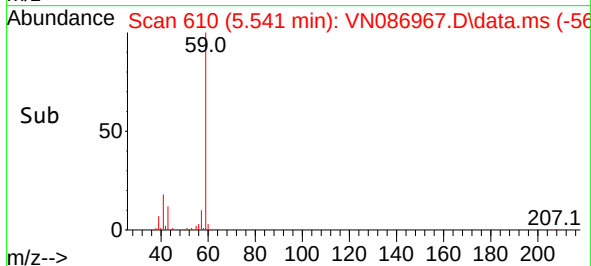
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 178010
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

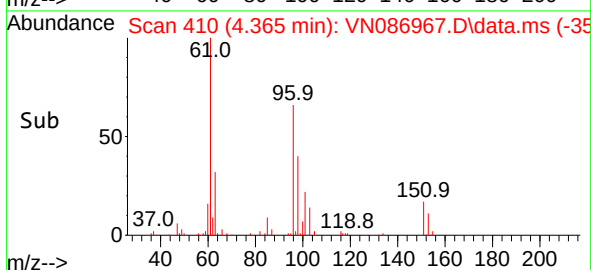
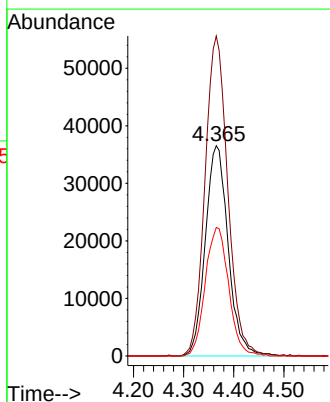
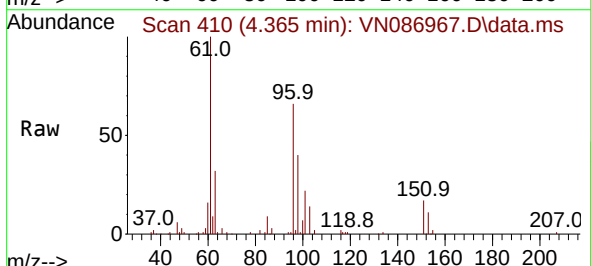
Manual Integrations
APPROVED

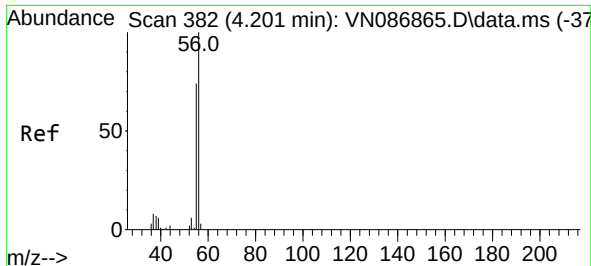
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#12
1,1-Dichloroethene
Concen: 56.164 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

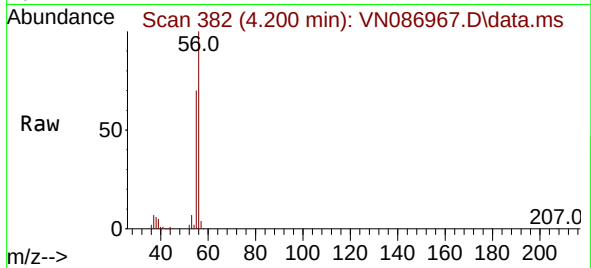
Tgt Ion: 96 Resp: 115909
Ion Ratio Lower Upper
96 100
61 152.2 125.8 188.6
98 61.1 52.5 78.7





#13
Acrolein
Concen: 1225.680 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

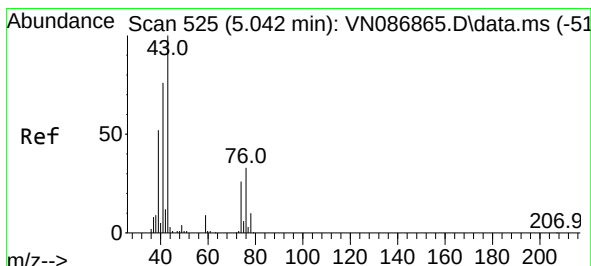
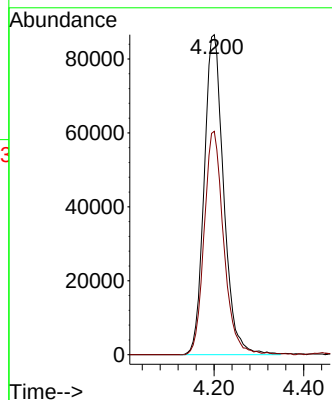
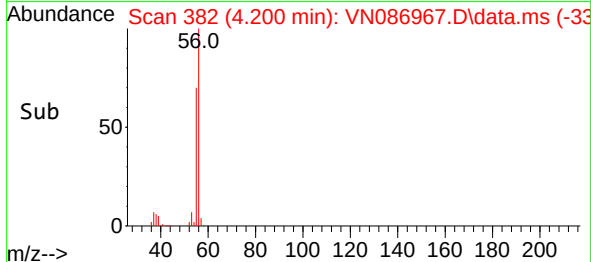
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



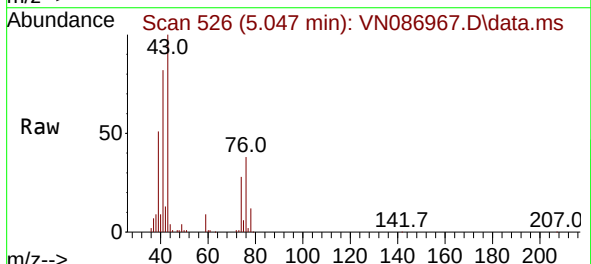
Tgt Ion: 56 Resp: 26134
Ion Ratio Lower Upper
56 100
55 69.7 55.6 83.4

Manual Integrations
APPROVED

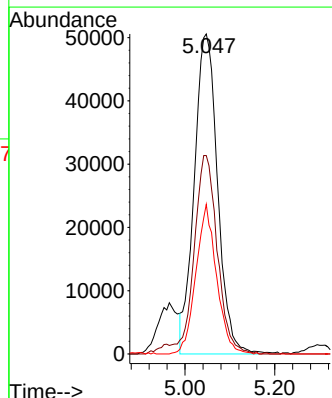
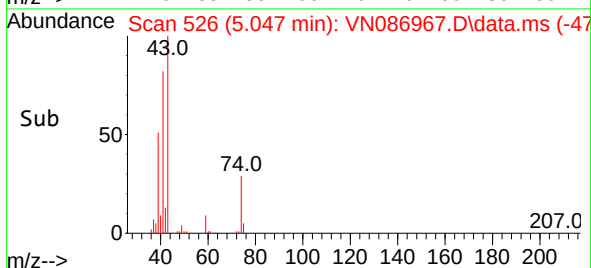
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

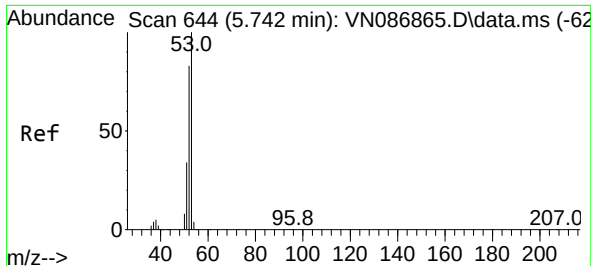


#14
Allyl chloride
Concen: 53.489 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



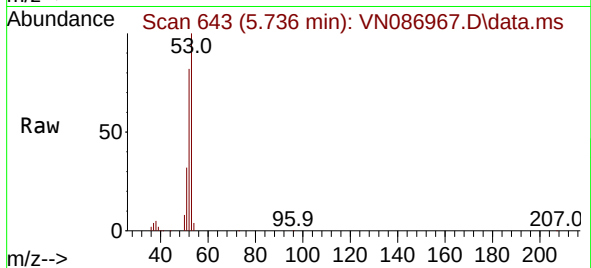
Tgt Ion: 41 Resp: 183070
Ion Ratio Lower Upper
41 100
39 61.2 51.3 76.9
76 41.4 31.4 47.0





#15
Acrylonitrile
Concen: 283.838 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

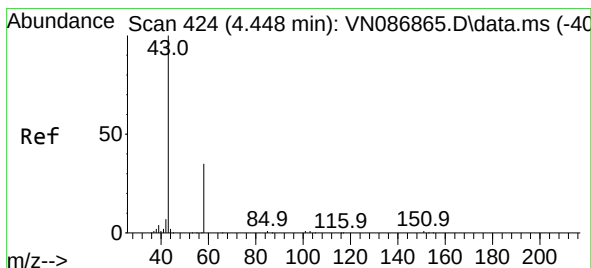
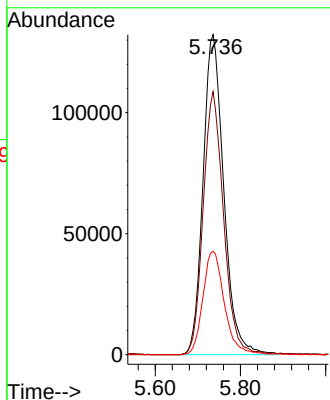
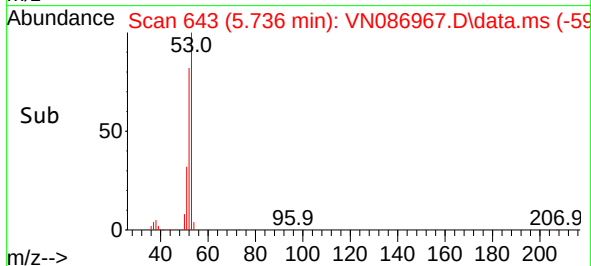
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 446893
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 33.4 27.2 40.8

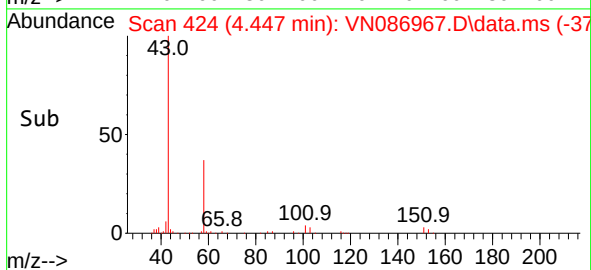
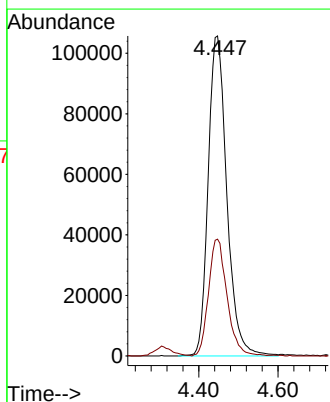
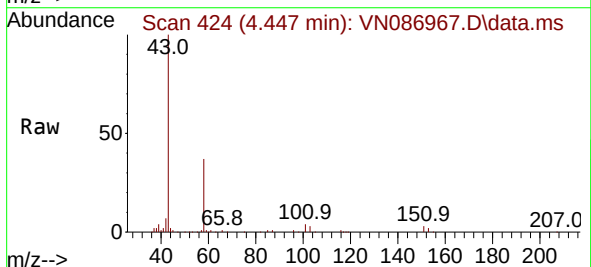
Manual Integrations
APPROVED

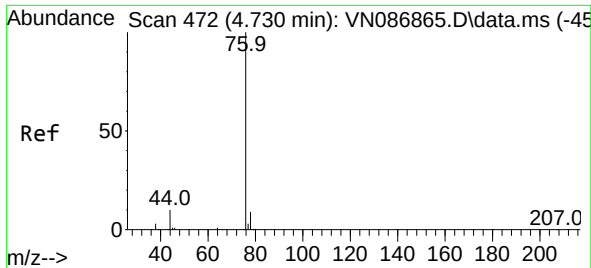
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Acetone
Concen: 262.370 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Tgt Ion: 43 Resp: 345411
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0





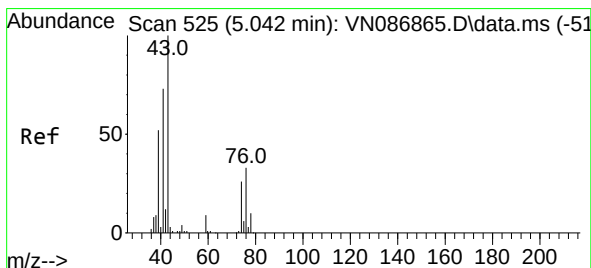
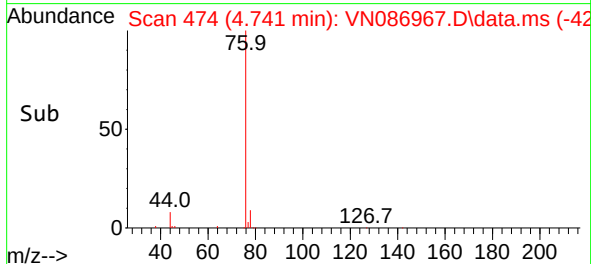
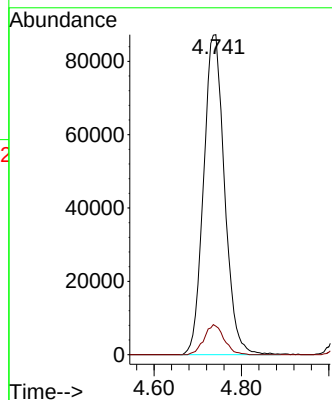
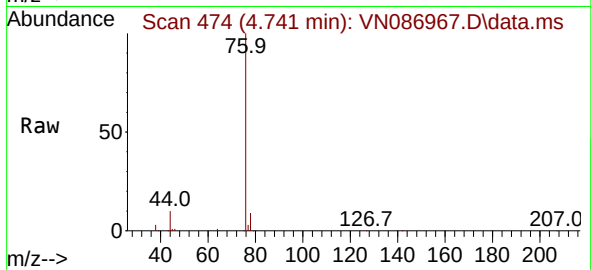
#17
Carbon Disulfide
Concen: 50.929 ug/l
RT: 4.741 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 290732
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

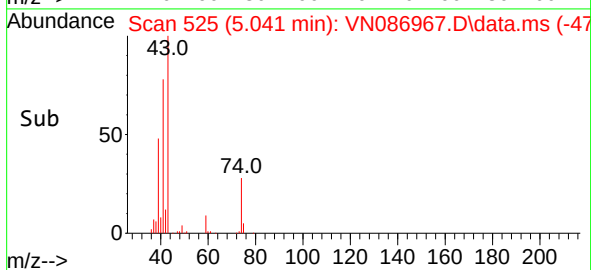
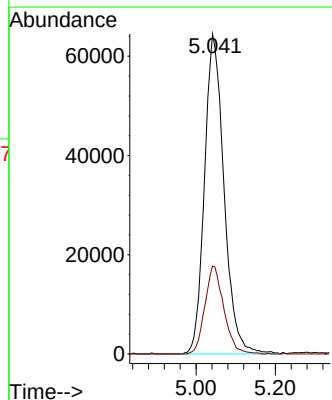
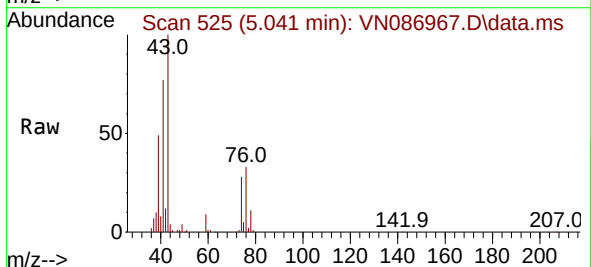
Manual Integrations
APPROVED

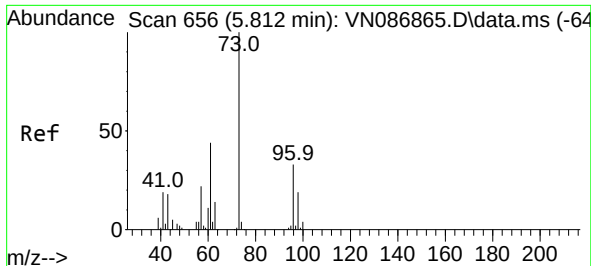
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#18
Methyl Acetate
Concen: 57.496 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

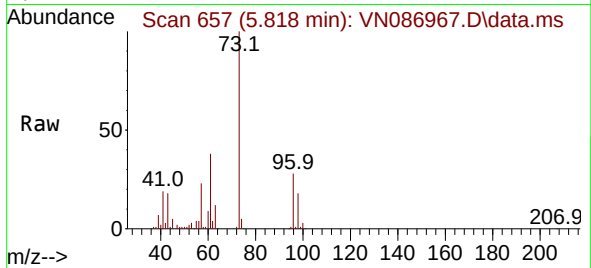
Tgt Ion: 43 Resp: 220582
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 57.476 ug/l
RT: 5.818 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

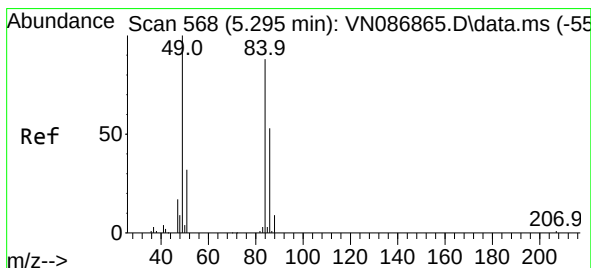
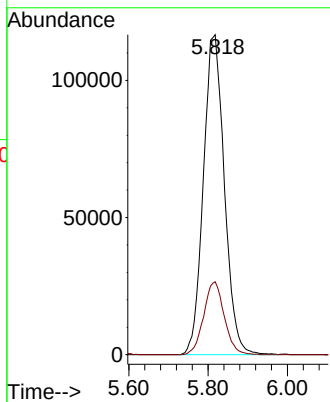
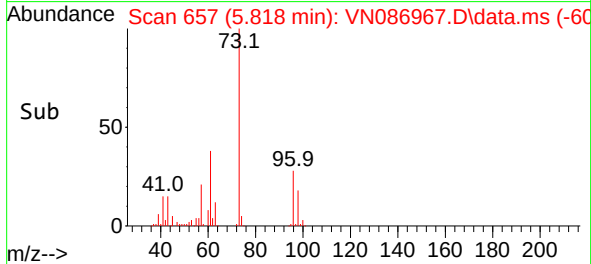
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



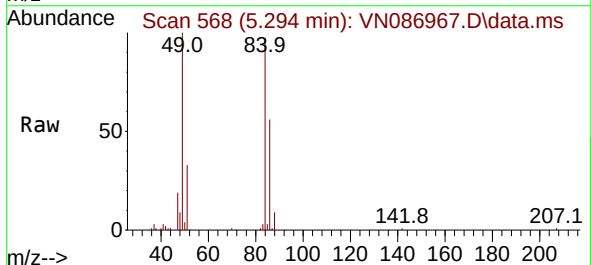
Tgt Ion: 73 Resp: 429478
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

Manual Integrations
APPROVED

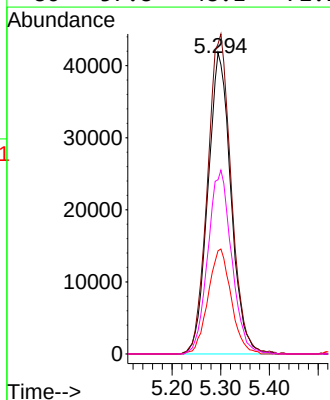
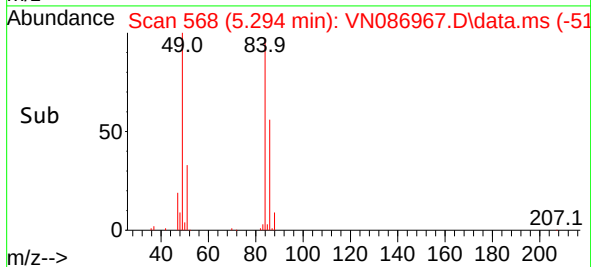
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

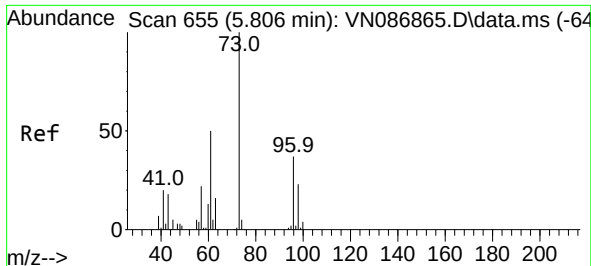


#20
Methylene Chloride
Concen: 55.575 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



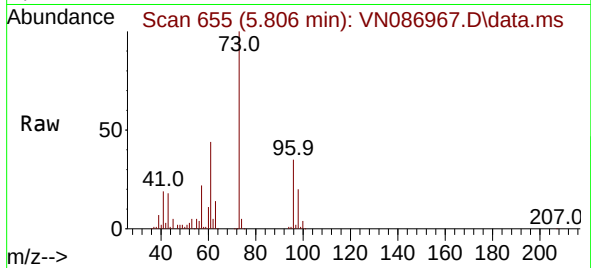
Tgt Ion: 84 Resp: 136978
Ion Ratio Lower Upper
84 100
49 103.0 90.5 135.7
51 34.3 28.5 42.7
86 57.8 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 53.798 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

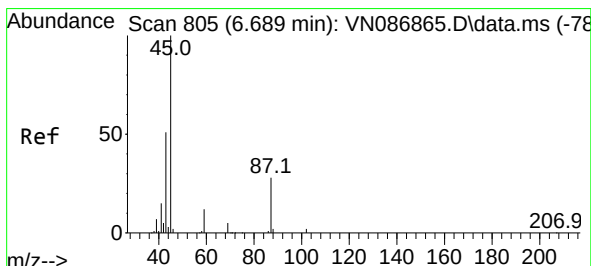
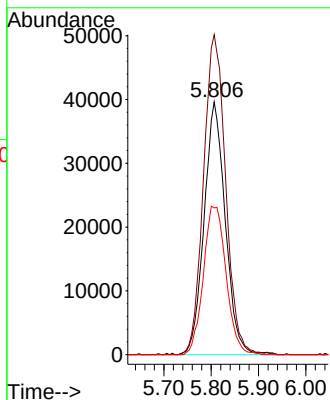
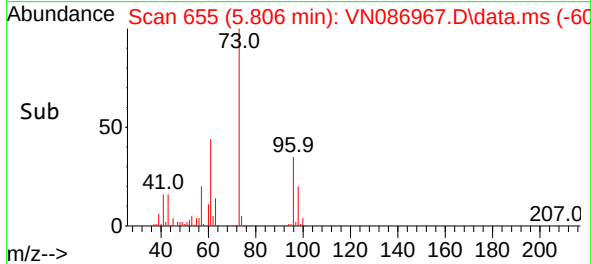
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



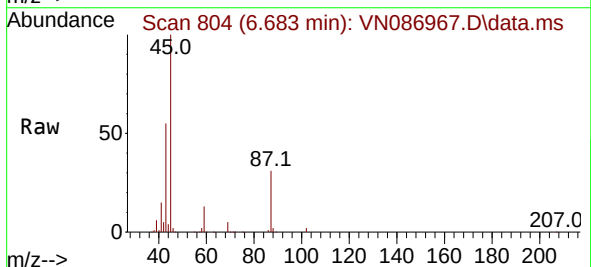
Tgt Ion: 96 Resp: 123524
Ion Ratio Lower Upper
96 100
61 126.6 109.2 163.8
98 58.0 49.8 74.8

Manual Integrations
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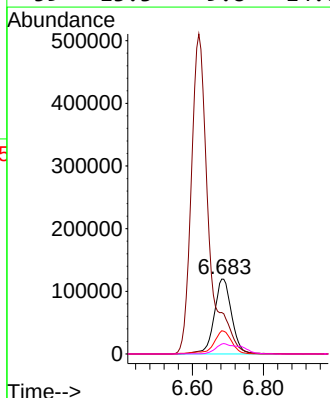
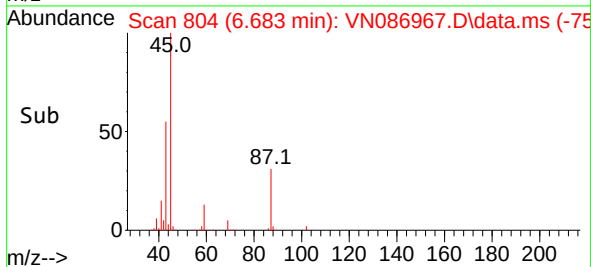
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

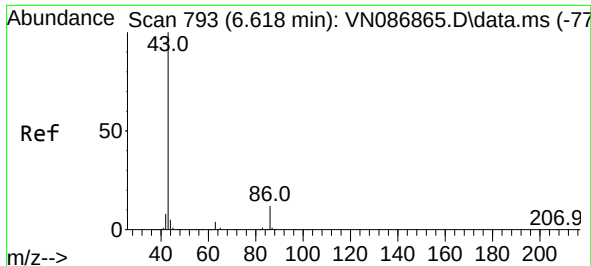


#22
Diisopropyl ether
Concen: 56.016 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion: 45 Resp: 404134
Ion Ratio Lower Upper
45 100
43 54.6 41.9 62.9
87 31.0 22.4 33.6
59 13.3 9.8 14.6





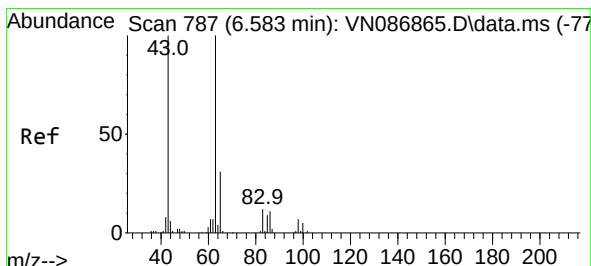
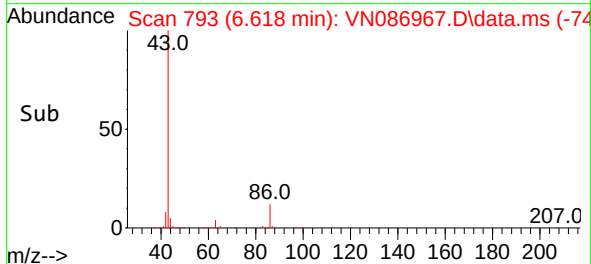
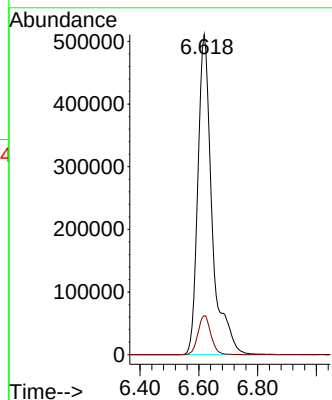
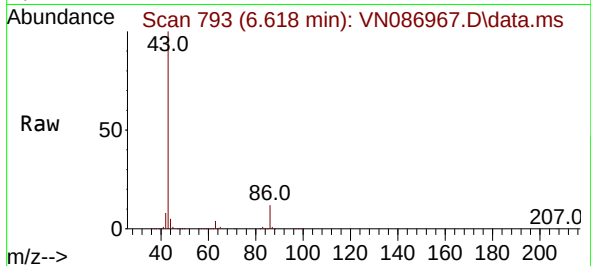
#23
 Vinyl Acetate
 Concen: 280.603 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1710420
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.5 14.3

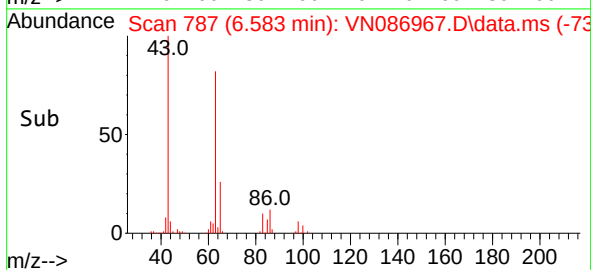
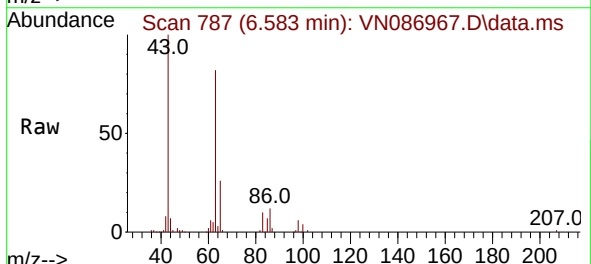
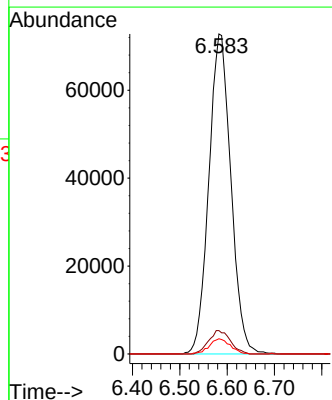
Manual Integrations
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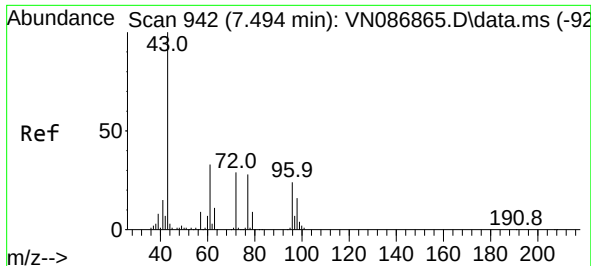
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#24
 1,1-Dichloroethane
 Concen: 56.615 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

Tgt Ion: 63 Resp: 235055
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.6 7.8





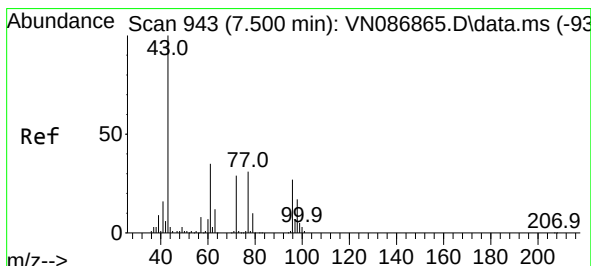
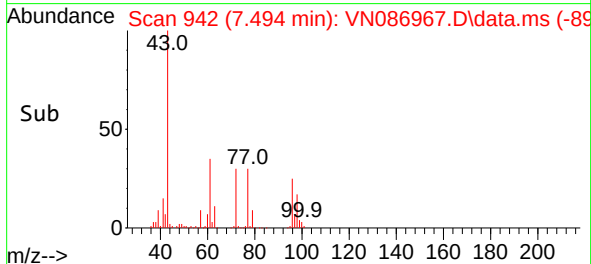
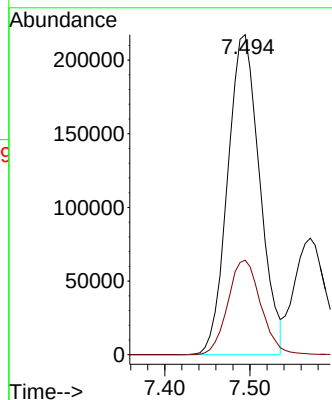
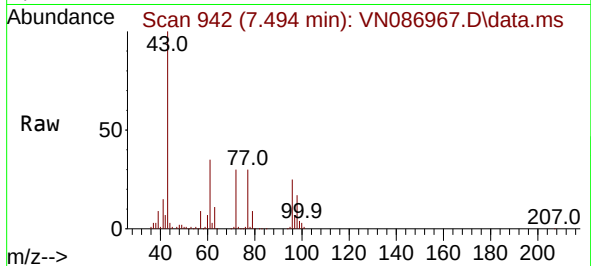
#25
2-Butanone
Concen: 265.435 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 568015
Ion Ratio Lower Upper
43 100
72 29.5 23.0 34.6

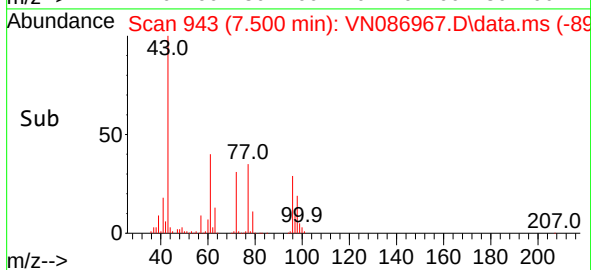
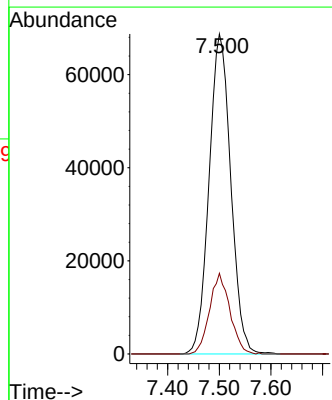
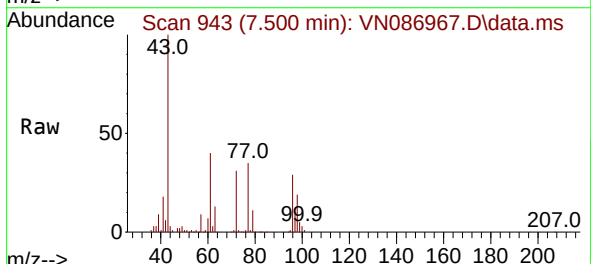
Manual Integrations
APPROVED

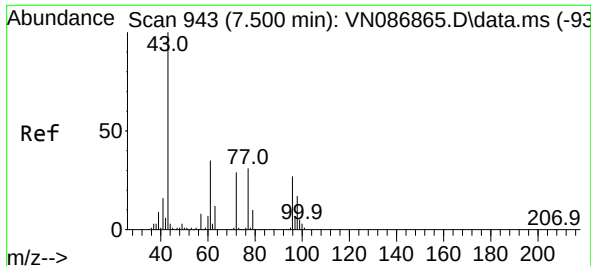
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#26
2,2-Dichloropropane
Concen: 61.975 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

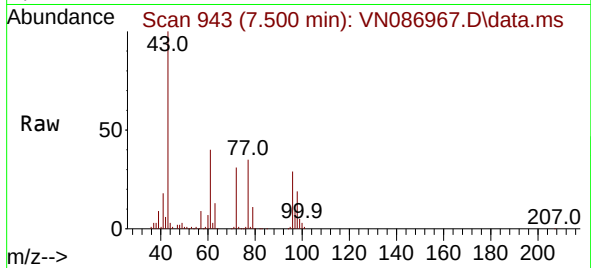
Tgt Ion: 77 Resp: 200155
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 56.216 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

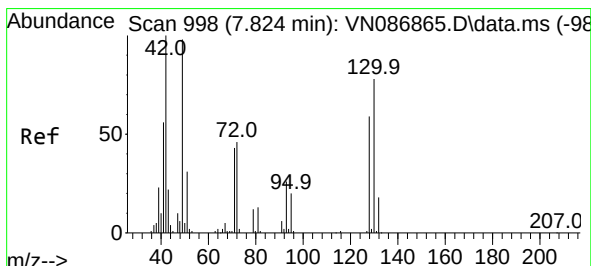
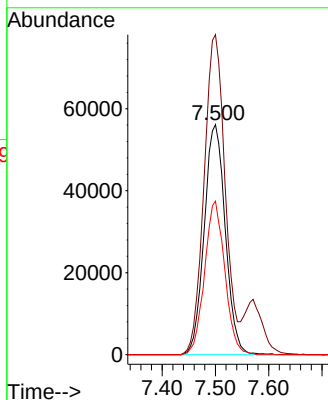
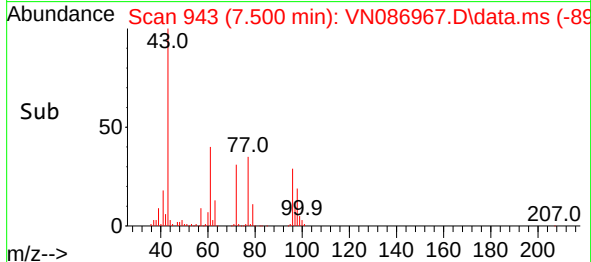
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 154369
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 278.0
 98 64.0 0.0 128.2

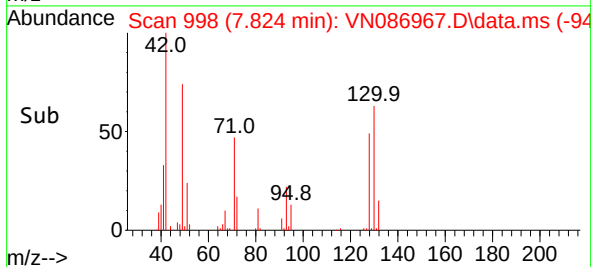
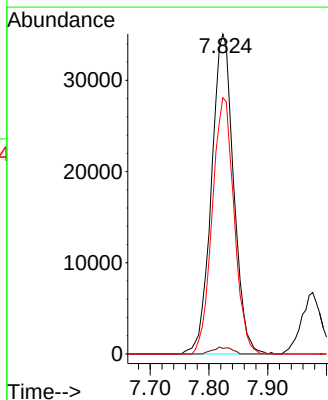
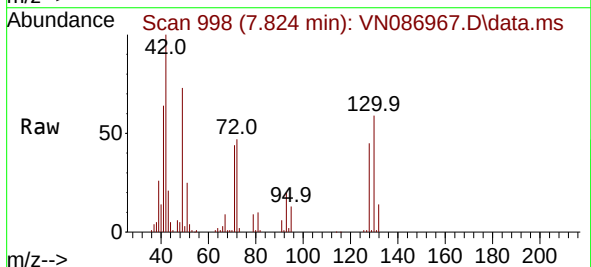
Manual Integrations
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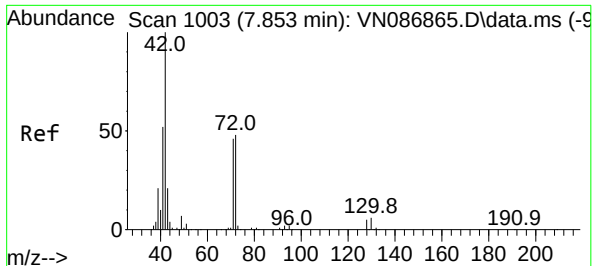
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#28
 Bromochloromethane
 Concen: 45.051 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

Tgt Ion: 49 Resp: 91966
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 78.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 269.283 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 37538

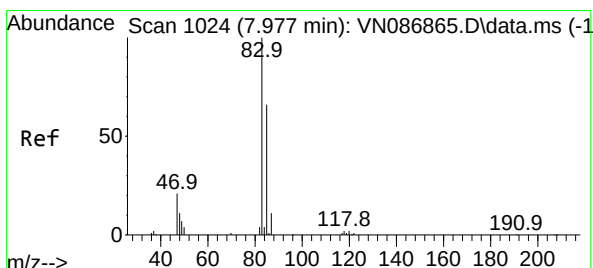
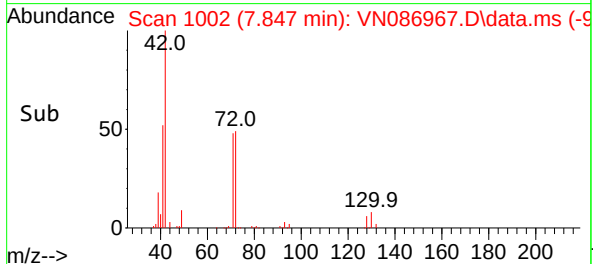
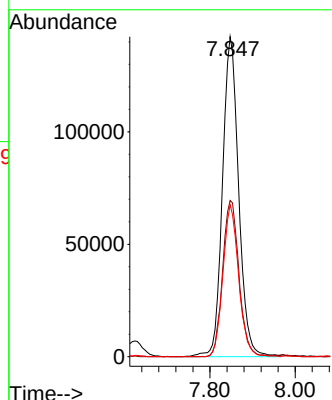
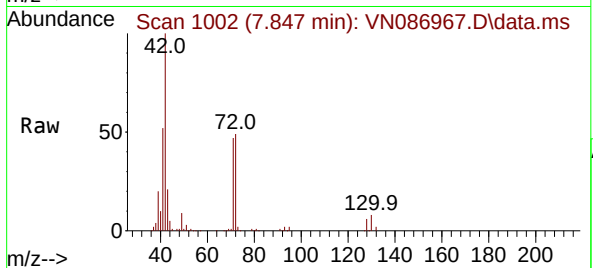
Ion	Ratio	Lower	Upper
42	100		
72	49.4	37.8	56.6
71	46.0	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#30

Chloroform

Concen: 56.716 ug/l

RT: 7.977 min Scan# 1024

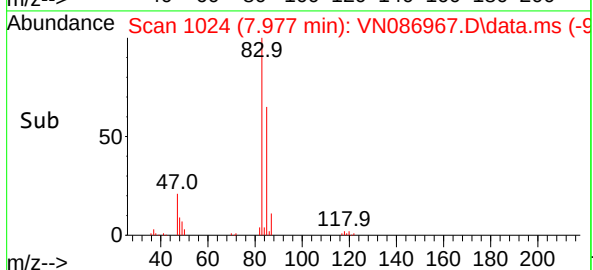
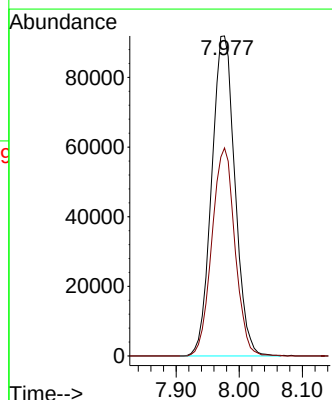
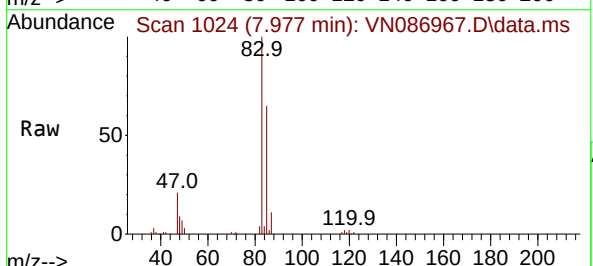
Delta R.T. -0.000 min

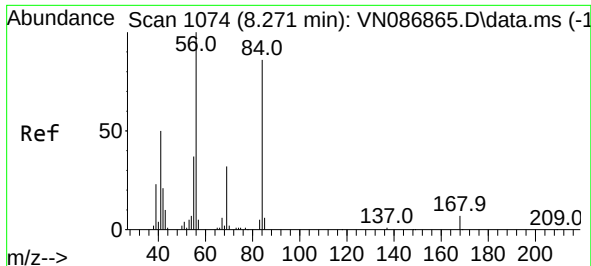
Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Tgt Ion: 83 Resp: 235157

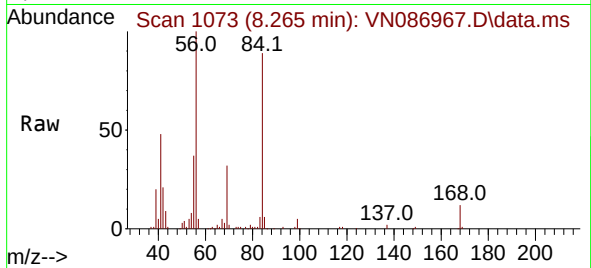
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.9	79.3





#31
Cyclohexane
Concen: 48.573 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

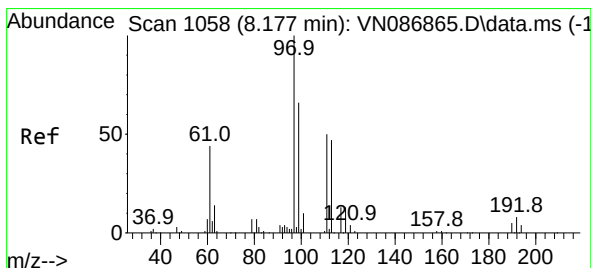
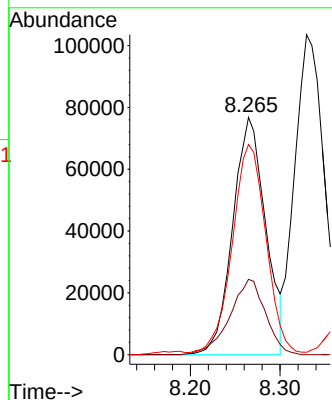
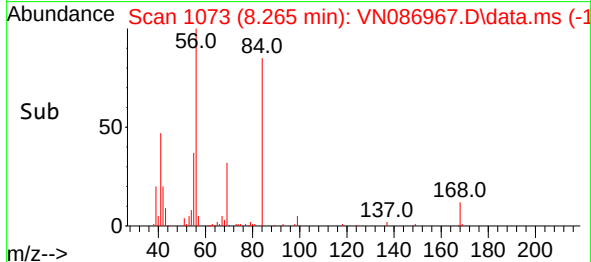
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



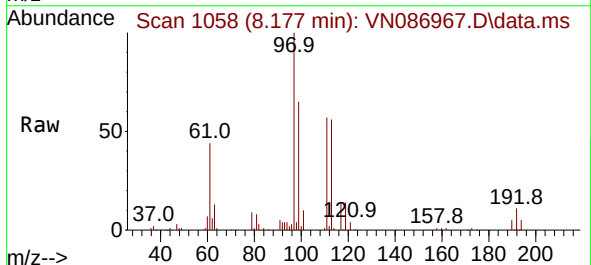
Tgt Ion: 56 Resp: 19557
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.0
84 87.2 68.8 103.2

Manual Integrations
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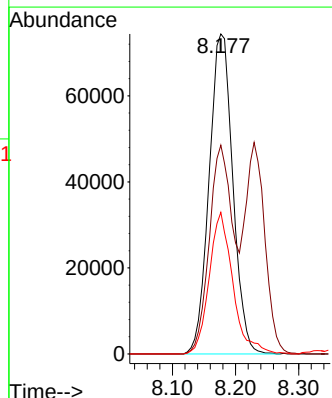
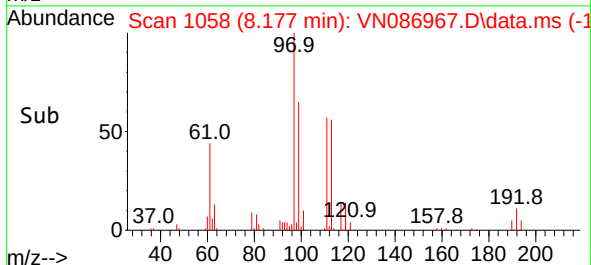
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

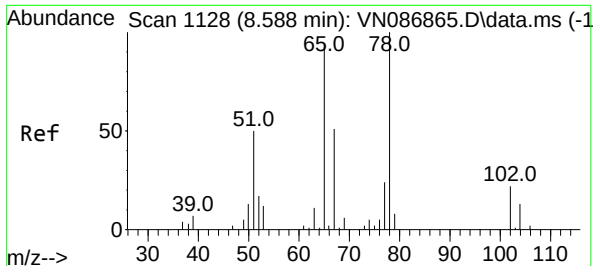


#32
1,1,1-Trichloroethane
Concen: 55.035 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion: 97 Resp: 194080
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 44.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.735 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 123469

Ion Ratio Lower Upper

65 100

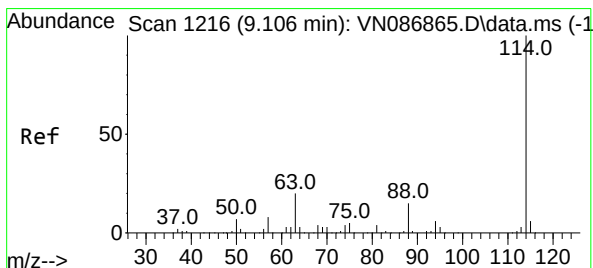
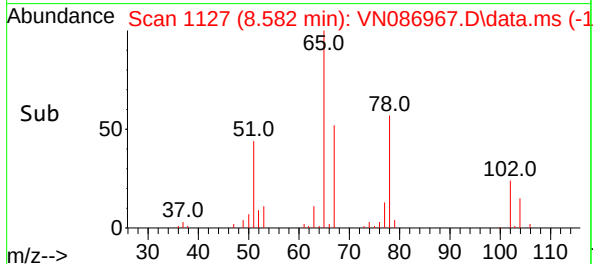
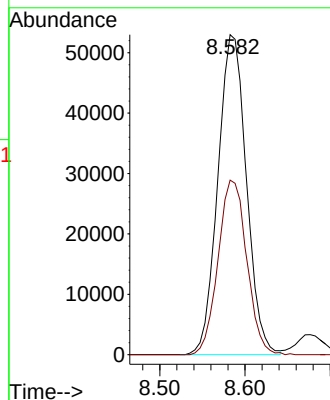
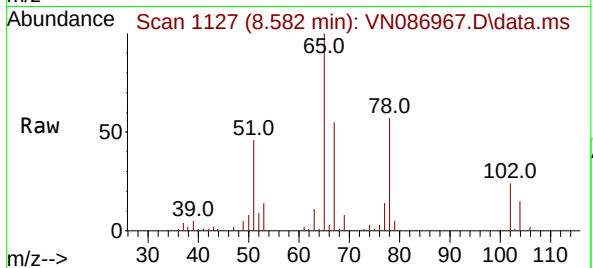
67 54.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

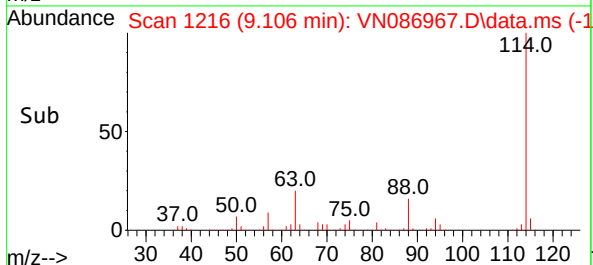
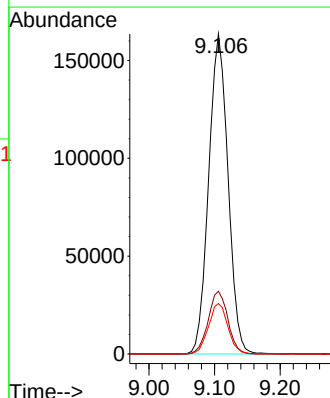
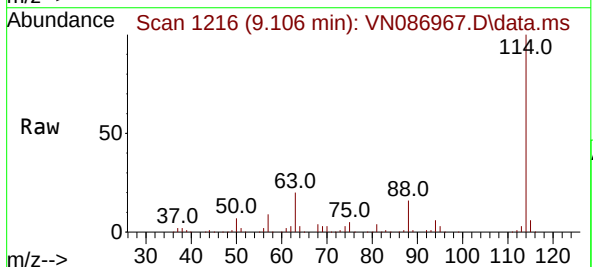
Tgt Ion:114 Resp: 334881

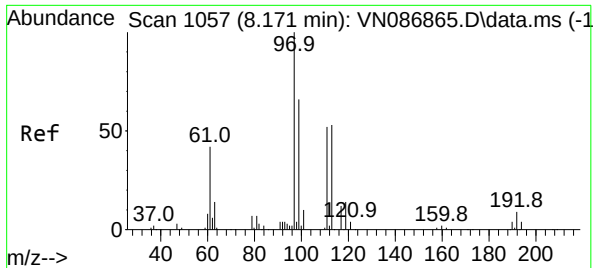
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

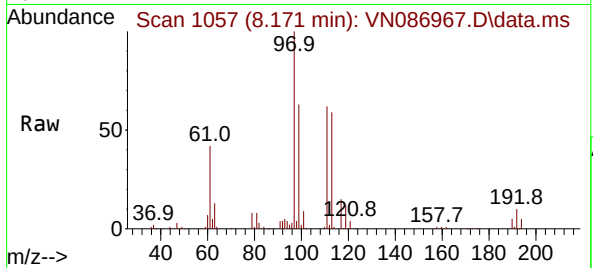
88 15.8 0.0 30.2





#35
Dibromofluoromethane
Concen: 53.655 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

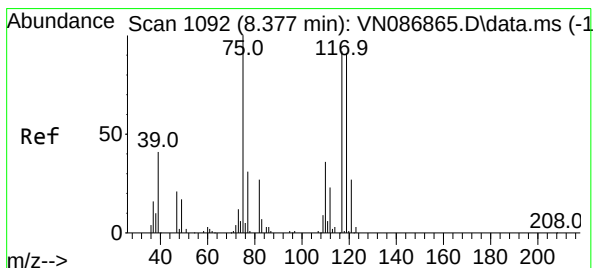
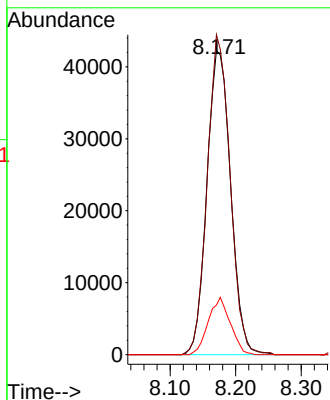
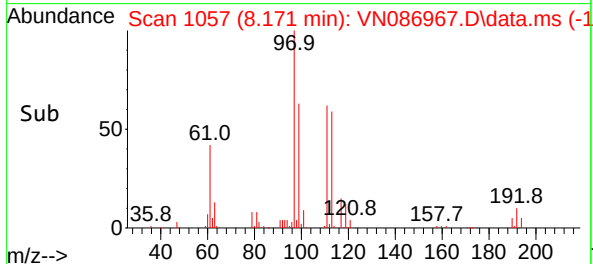
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



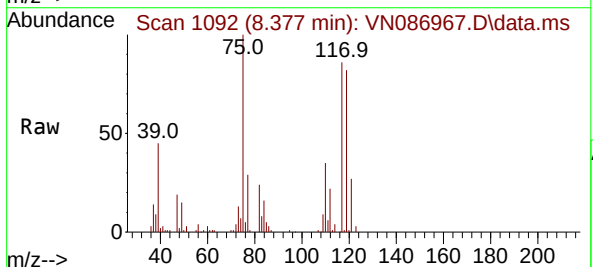
Tgt Ion:113 Resp: 10648
Ion Ratio Lower Upper
113 100
111 100.9 84.2 126.2
192 17.4 14.2 21.4

Manual Integrations
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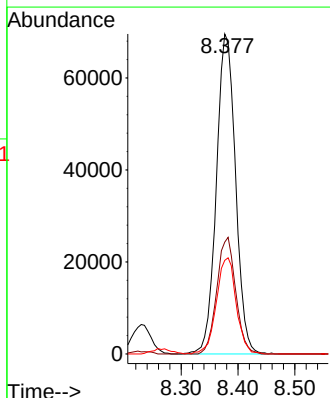
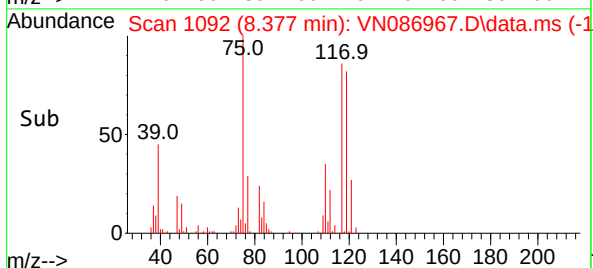
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

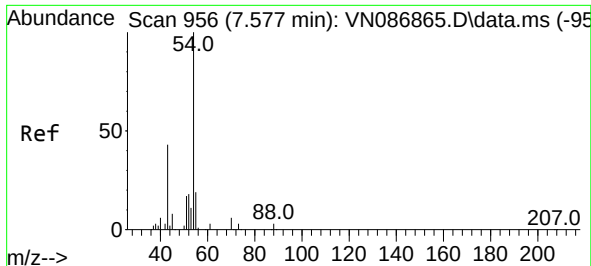


#36
1,1-Dichloropropene
Concen: 55.253 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



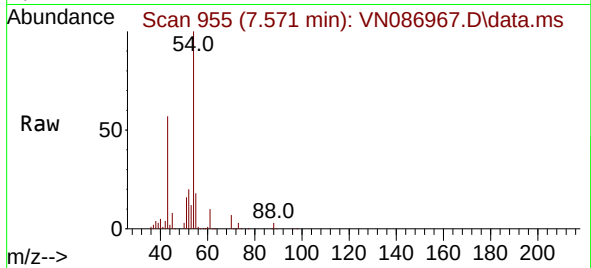
Tgt Ion: 75 Resp: 163397
Ion Ratio Lower Upper
75 100
110 36.0 17.6 52.9
77 31.1 25.3 37.9





#37
Ethyl Acetate
Concen: 56.930 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

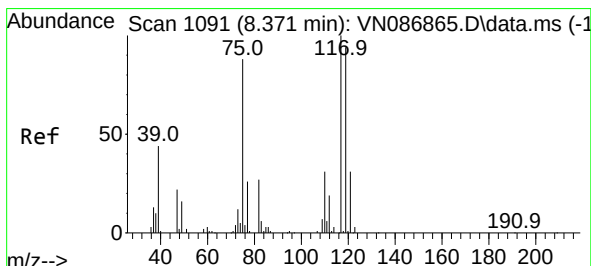
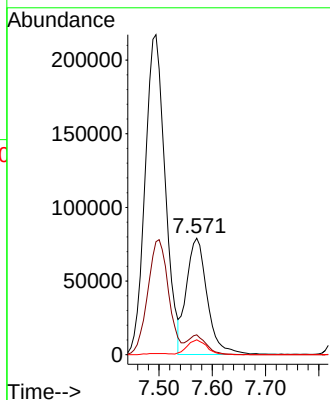
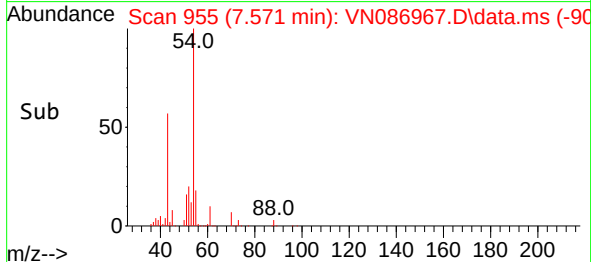
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 214314
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 12.0 9.8 14.6

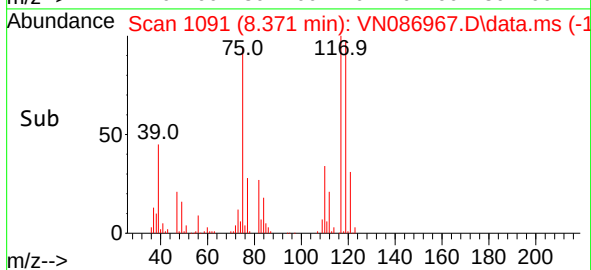
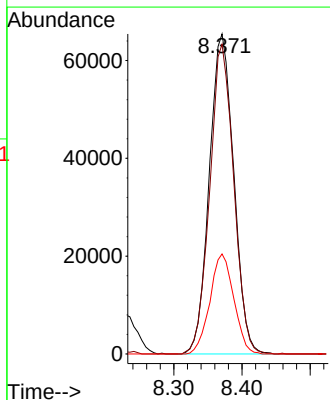
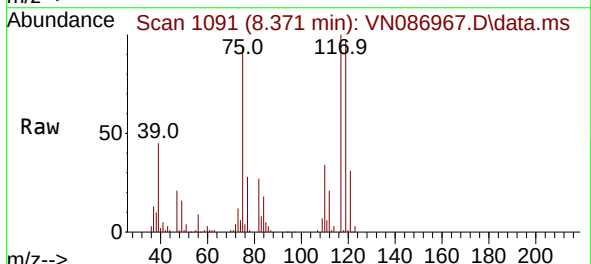
Manual Integrations
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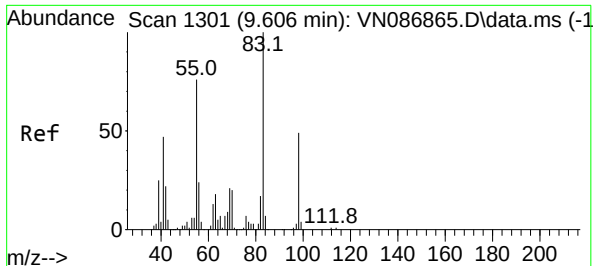
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#38
Carbon Tetrachloride
Concen: 56.196 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

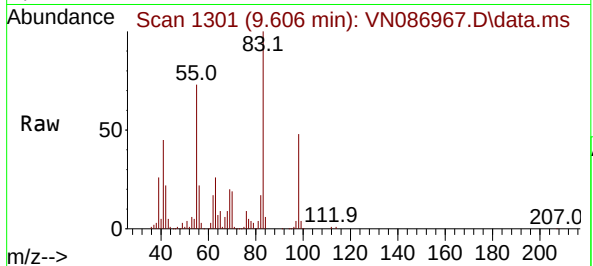
Tgt Ion:117 Resp: 163155
Ion Ratio Lower Upper
117 100
119 96.8 75.0 112.6
121 31.3 24.9 37.3





#39
Methylcyclohexane
Concen: 47.789 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

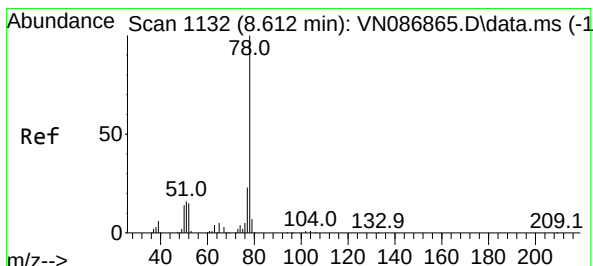
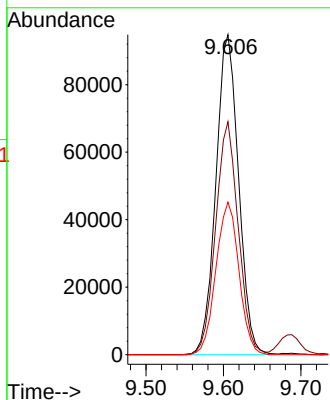
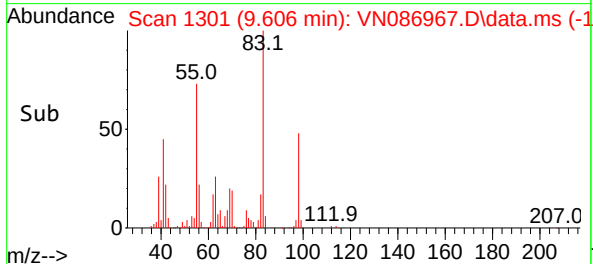
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



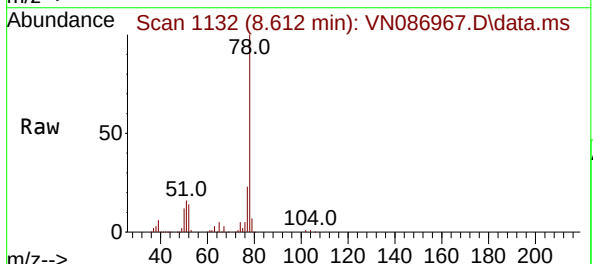
Tgt Ion: 83 Resp: 193619
Ion Ratio Lower Upper
83 100
55 72.8 61.0 91.6
98 47.6 38.9 58.3

Manual Integrations
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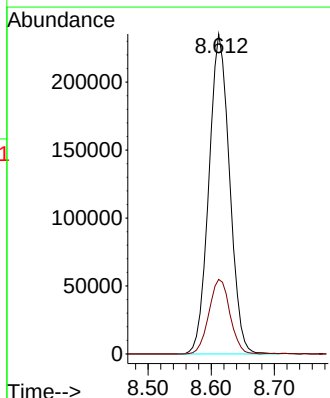
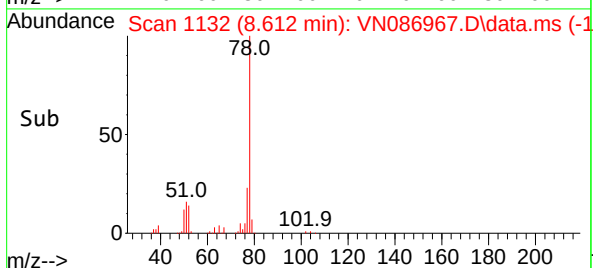
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

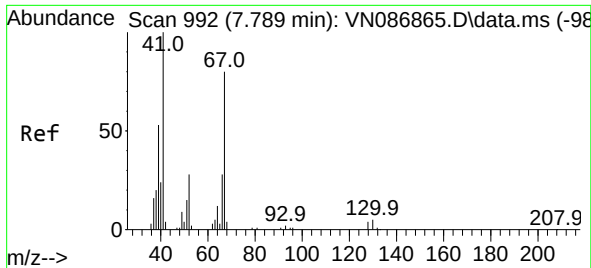


#40
Benzene
Concen: 55.408 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



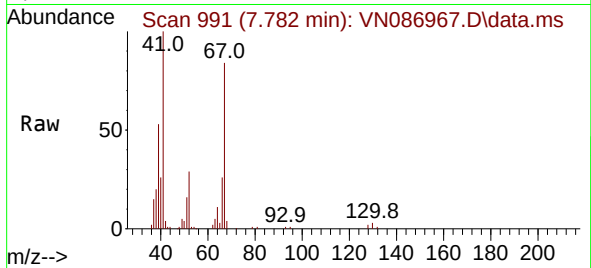
Tgt Ion: 78 Resp: 535810
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1





#41
Methacrylonitrile
Concen: 53.455 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

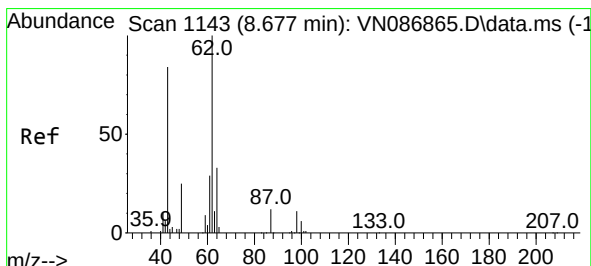
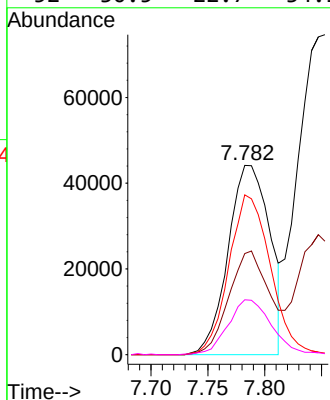
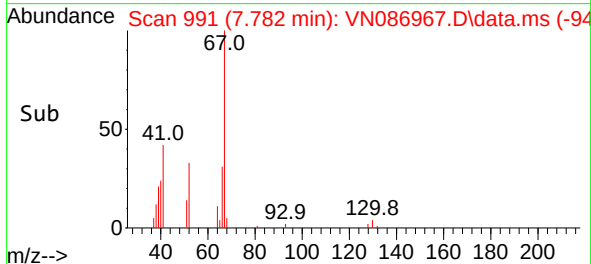
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



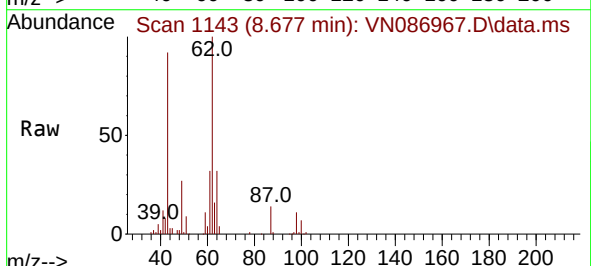
Tgt Ion: 41 Resp: 113014
Ion Ratio Lower Upper
41 100
39 54.9 41.2 61.8
67 84.6 61.4 92.2
52 30.5 22.7 34.1

Manual Integrations
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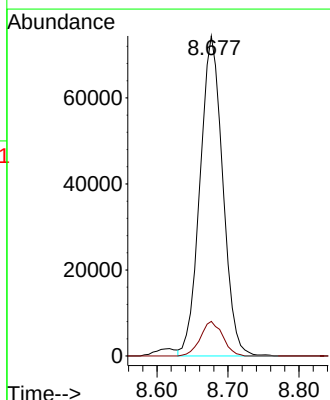
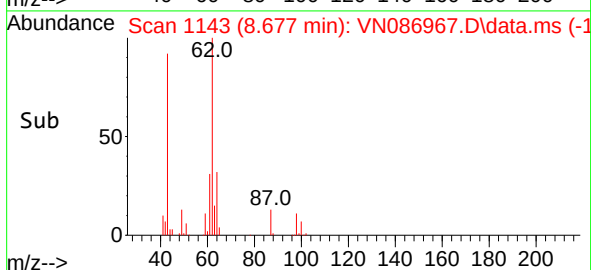
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

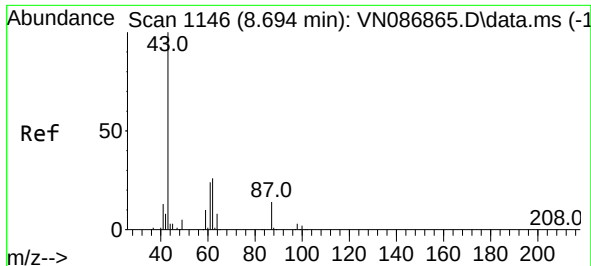


#42
1,2-Dichloroethane
Concen: 56.568 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



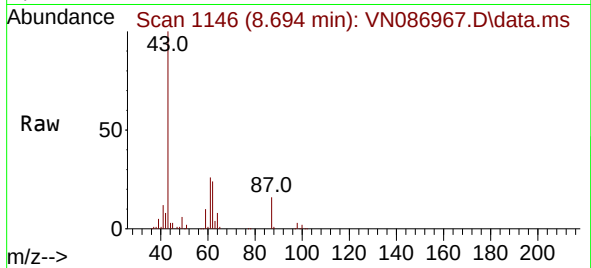
Tgt Ion: 62 Resp: 165920
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2





#43
Isopropyl Acetate
Concen: 55.056 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

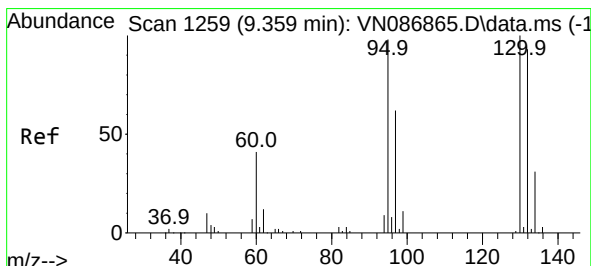
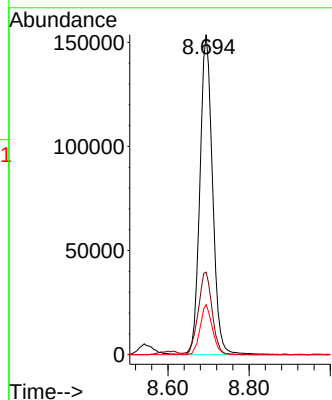
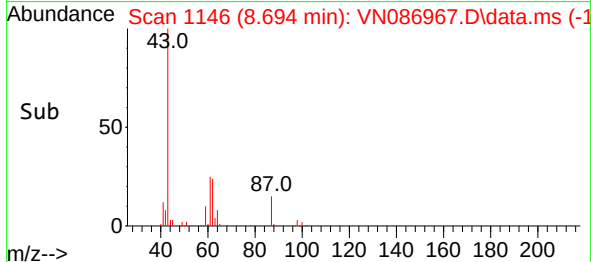
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



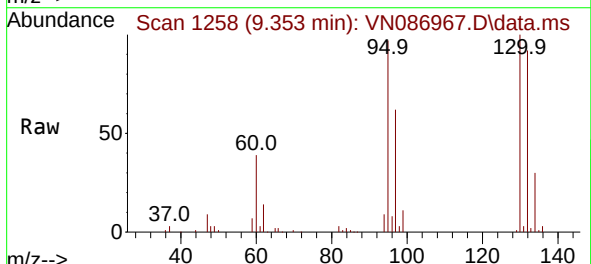
Tgt Ion: 43 Resp: 332658
Ion Ratio Lower Upper
43 100
61 28.6 22.1 33.1
87 15.2 11.8 17.6

Manual Integrations
APPROVED

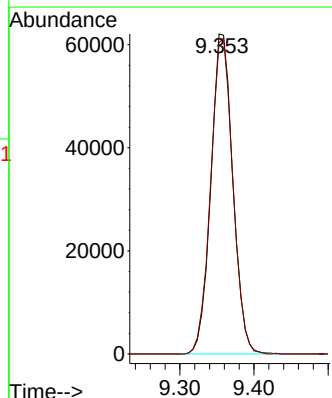
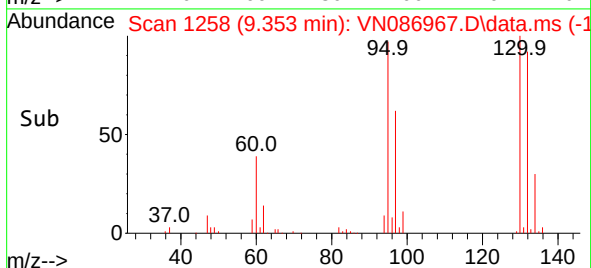
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

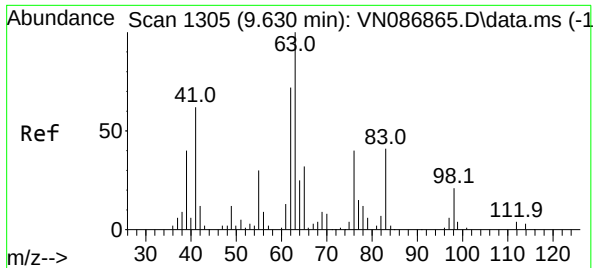


#44
Trichloroethene
Concen: 55.546 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



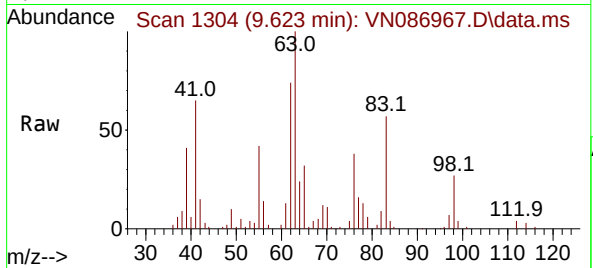
Tgt Ion:130 Resp: 127367
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.2





#45
1,2-Dichloropropane
Concen: 57.676 ug/l
RT: 9.623 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

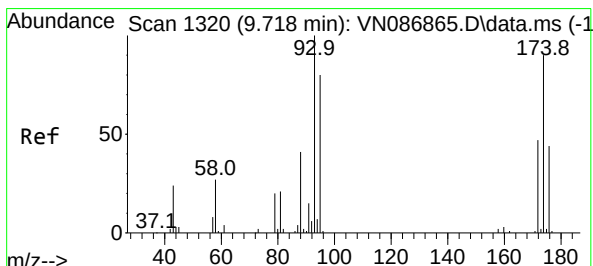
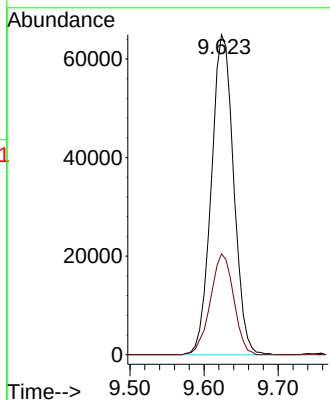
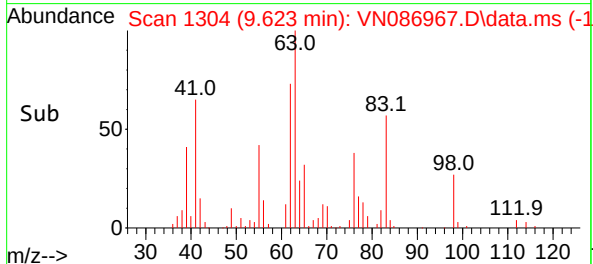
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 13569
Ion Ratio Lower Upper
63 100
65 31.5 25.5 38.3

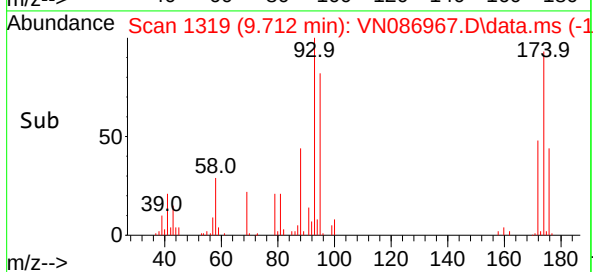
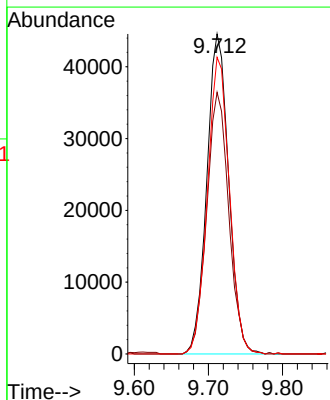
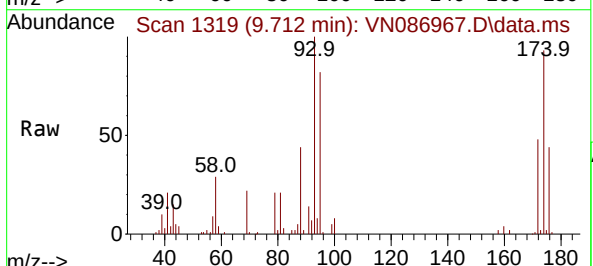
Manual Integrations
APPROVED

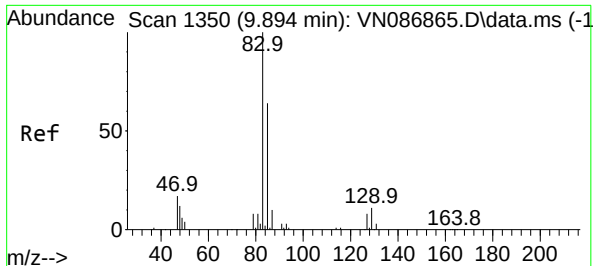
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#46
Dibromomethane
Concen: 58.548 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

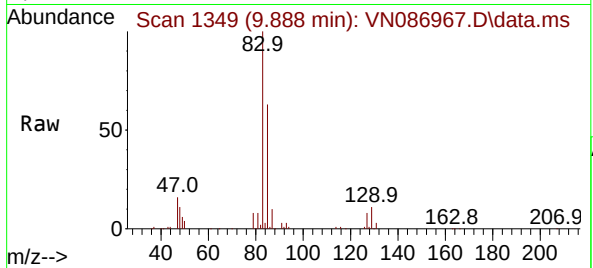
Tgt Ion: 93 Resp: 91491
Ion Ratio Lower Upper
93 100
95 82.6 67.1 100.7
174 93.3 74.2 111.4





#47
Bromodichloromethane
Concen: 57.801 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

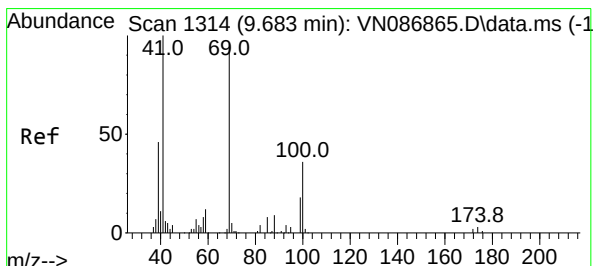
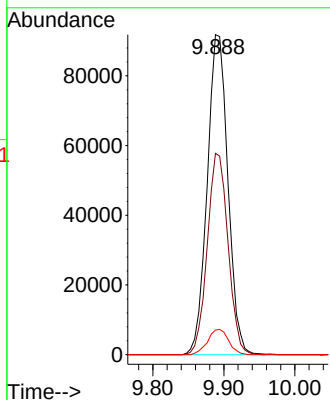
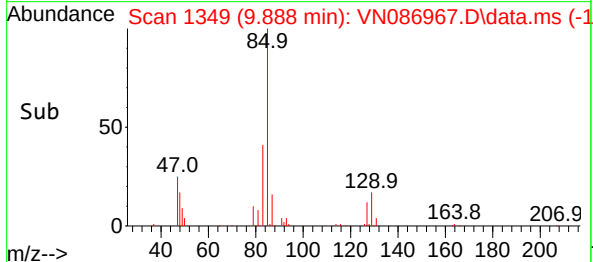
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



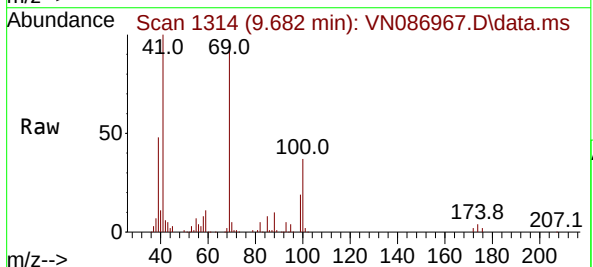
Tgt Ion: 83 Resp: 185839
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 7.7 6.6 10.0

Manual Integrations
APPROVED

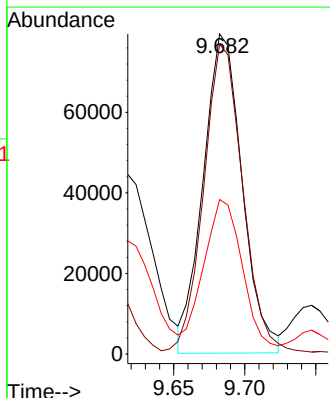
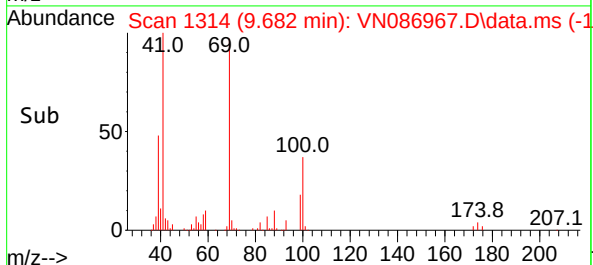
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

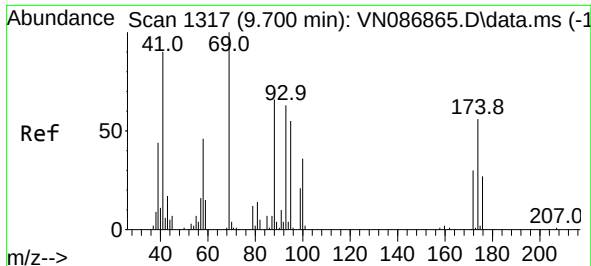


#48
Methyl methacrylate
Concen: 54.473 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion: 41 Resp: 151488
Ion Ratio Lower Upper
41 100
69 97.3 74.6 112.0
39 49.3 40.2 60.4





#49

1,4-Dioxane

Concen: 1123.948 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5686

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

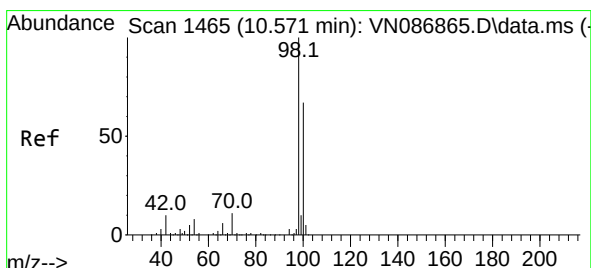
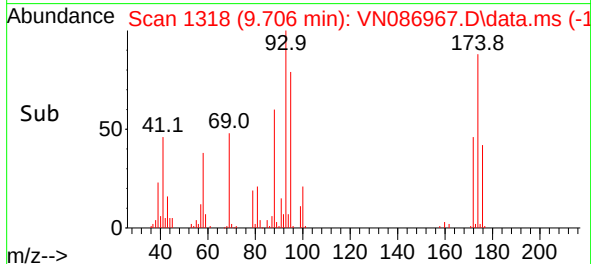
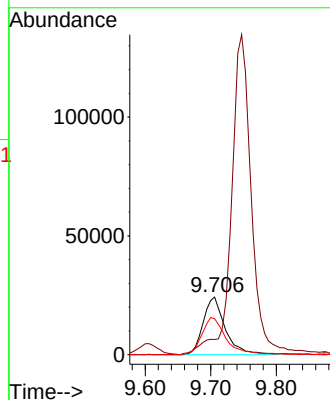
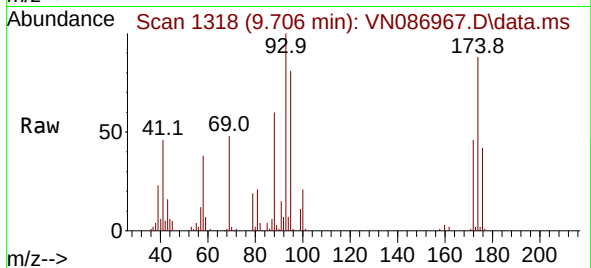
58 70.5 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#50

Toluene-d8

Concen: 49.865 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086967.D

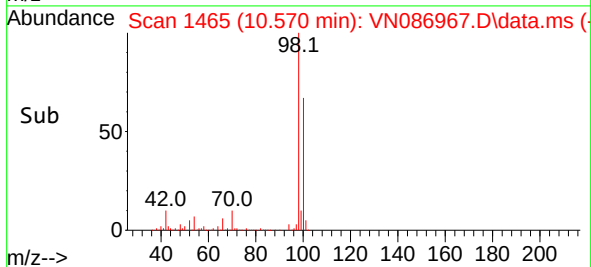
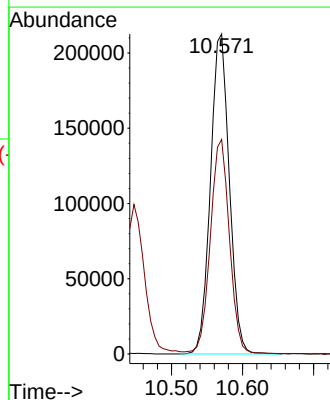
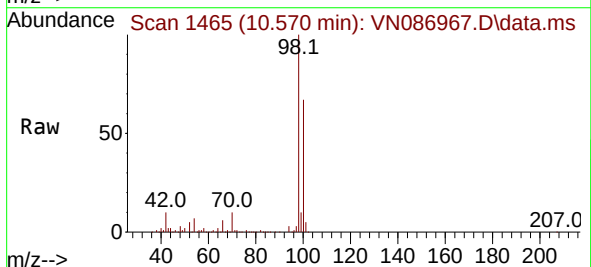
Acq: 12 Jun 2025 10:58

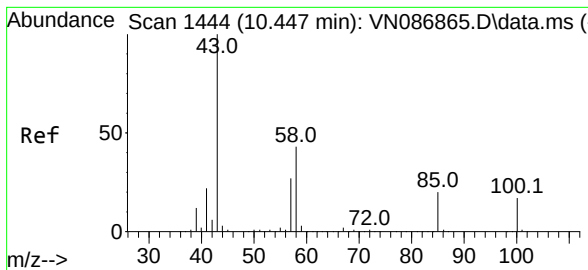
Tgt Ion: 98 Resp: 391763

Ion Ratio Lower Upper

98 100

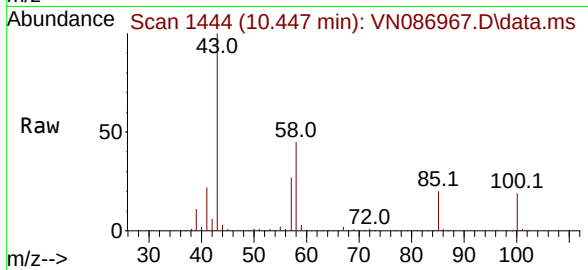
100 67.6 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 284.335 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

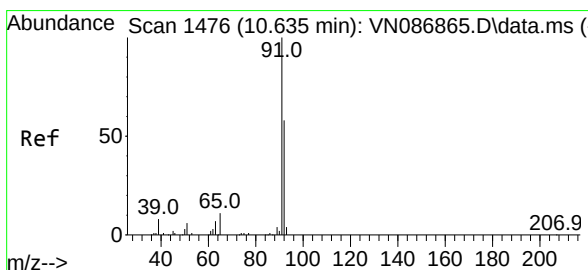
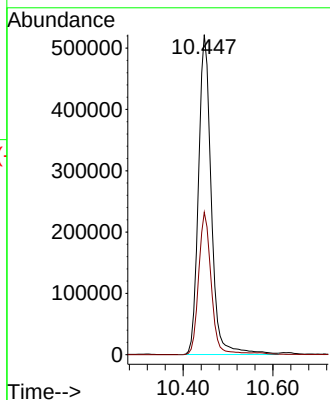
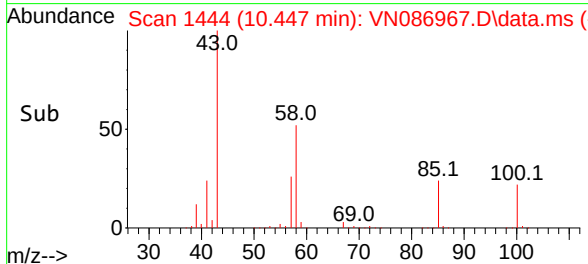
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



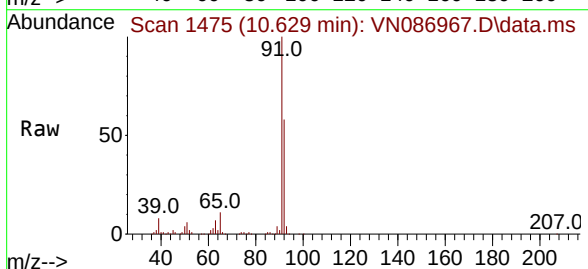
Tgt Ion: 43 Resp: 103424
Ion Ratio Lower Upper
43 100
58 43.7 34.2 51.4

Manual Integrations
APPROVED

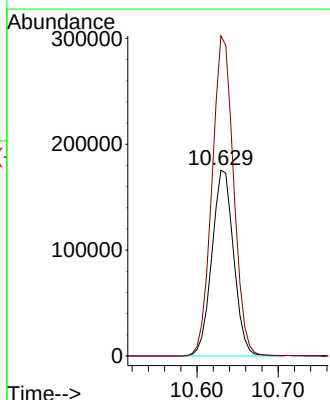
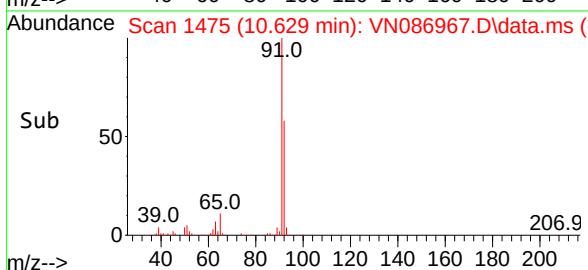
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

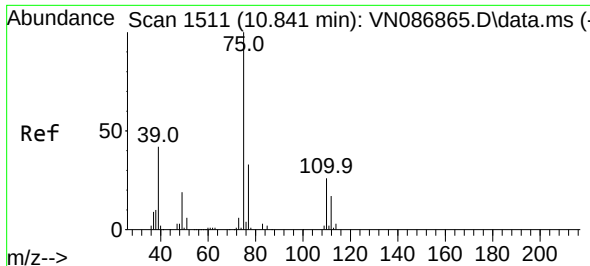


#52
Toluene
Concen: 55.206 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



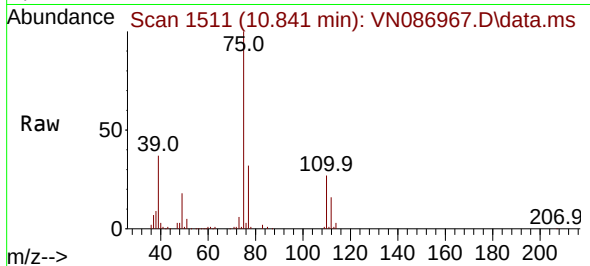
Tgt Ion: 92 Resp: 326256
Ion Ratio Lower Upper
92 100
91 171.4 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 58.362 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

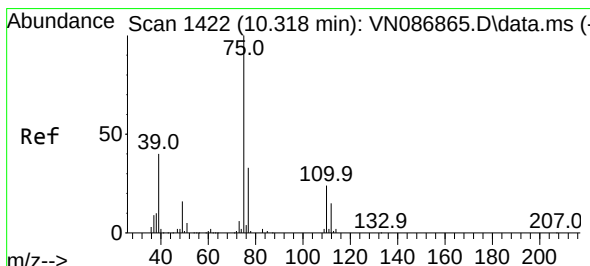
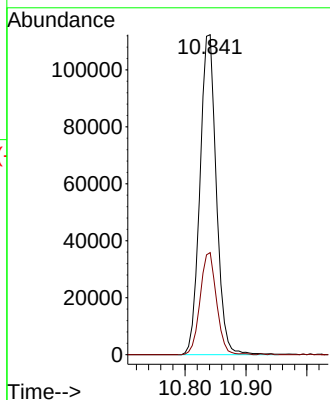
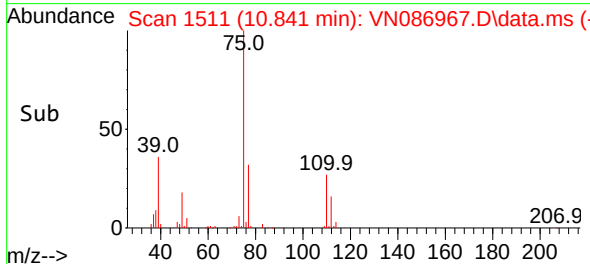
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



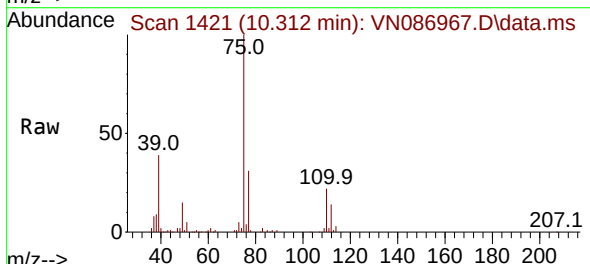
Tgt Ion: 75 Resp: 209818
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6

Manual Integrations
APPROVED

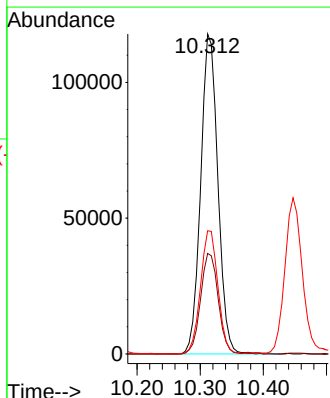
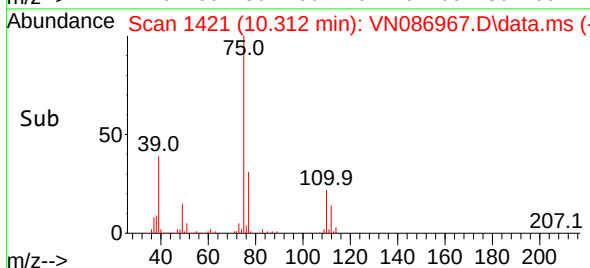
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

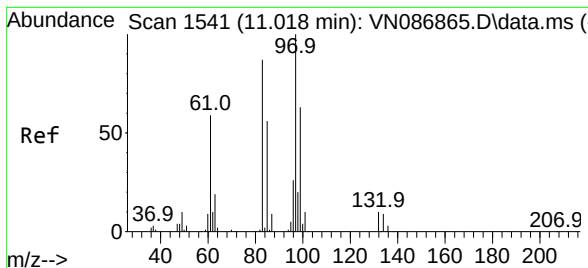


#54
cis-1,3-Dichloropropene
Concen: 57.872 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



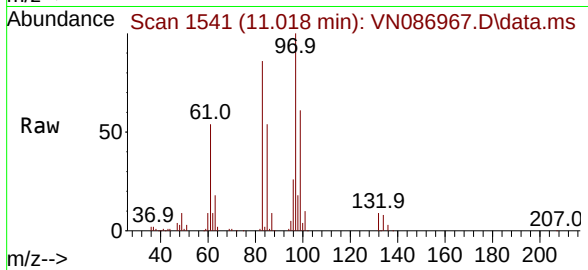
Tgt Ion: 75 Resp: 222616
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
39 38.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 58.186 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

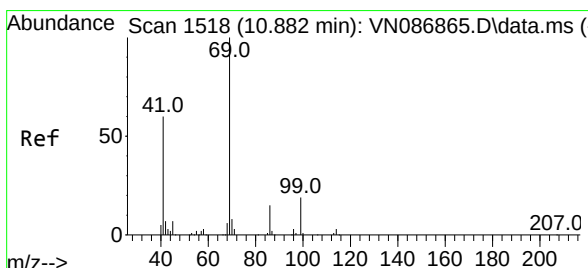
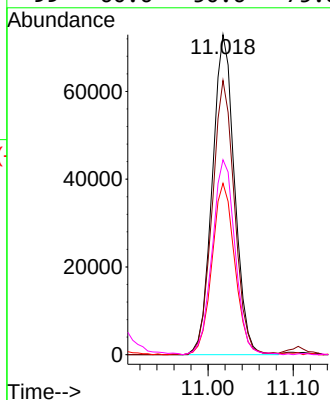
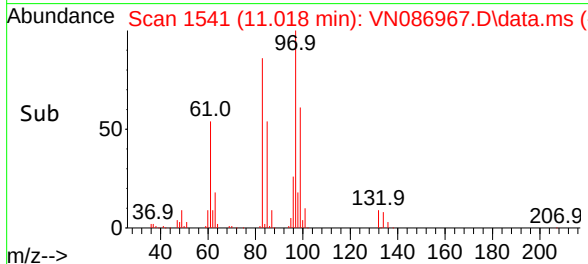
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



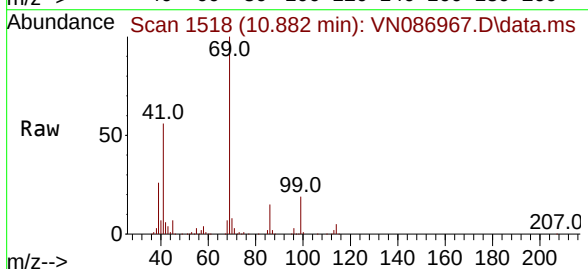
Tgt Ion: 97 Resp: 13231
Ion Ratio Lower Upper
97 100
83 85.7 69.7 104.5
85 53.3 45.1 67.7
99 60.6 50.6 75.8

Manual Integrations
APPROVED

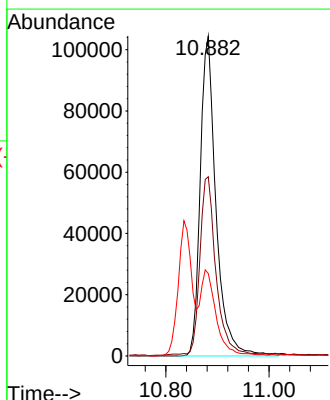
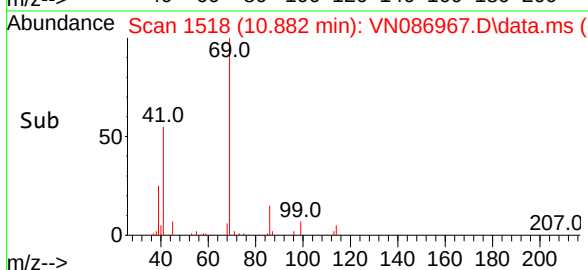
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

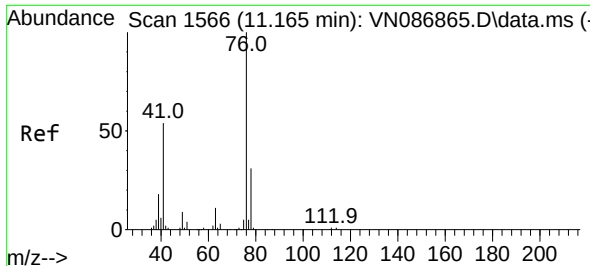


#56
Ethyl methacrylate
Concen: 61.197 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



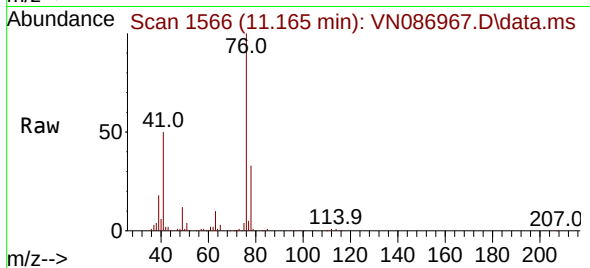
Tgt Ion: 69 Resp: 221650
Ion Ratio Lower Upper
69 100
41 57.6 47.2 70.8
39 26.5 23.0 34.6





#57
1,3-Dichloropropane
Concen: 57.208 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

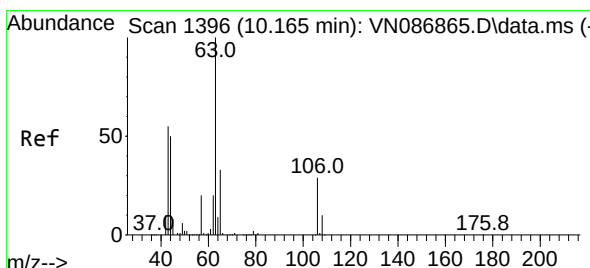
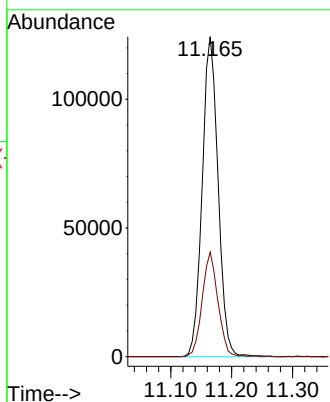
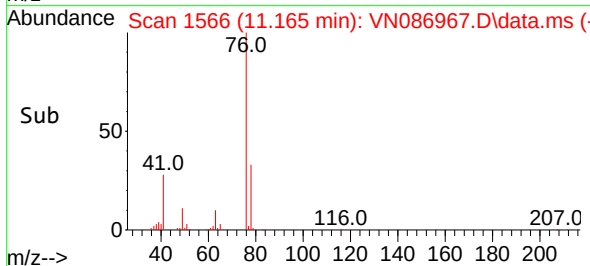
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



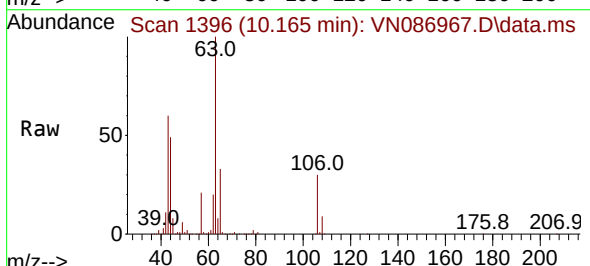
Tgt Ion: 76 Resp: 225660
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

Manual Integrations
APPROVED

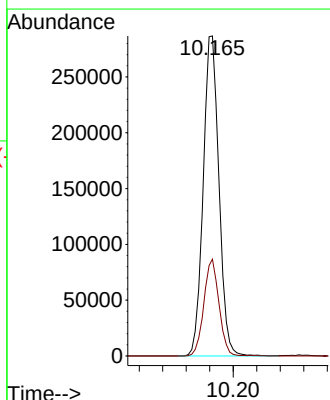
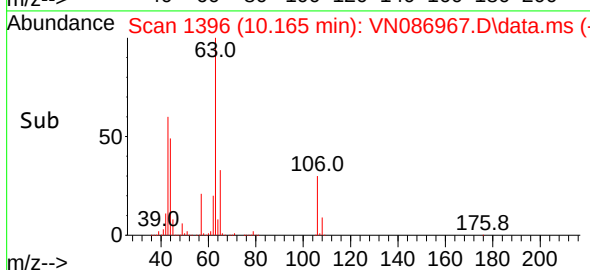
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

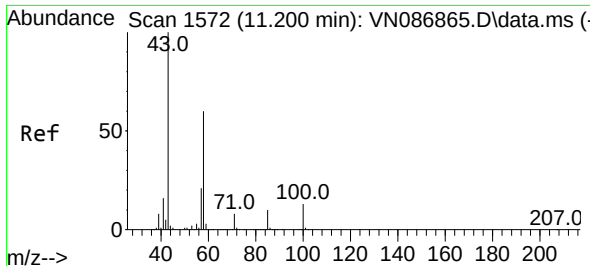


#58
2-Chloroethyl Vinyl ether
Concen: 246.931 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



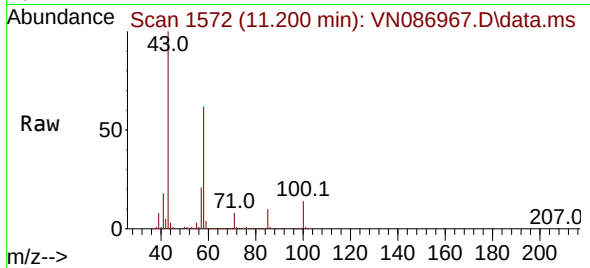
Tgt Ion: 63 Resp: 533435
Ion Ratio Lower Upper
63 100
106 29.0 23.0 34.6





#59
2-Hexanone
Concen: 293.972 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

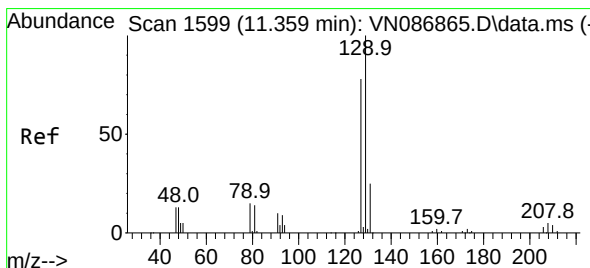
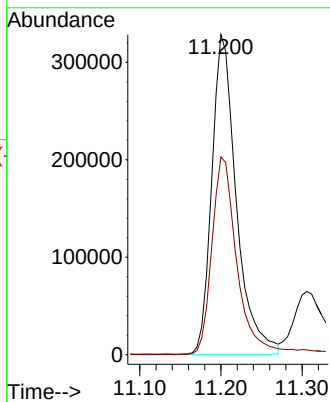
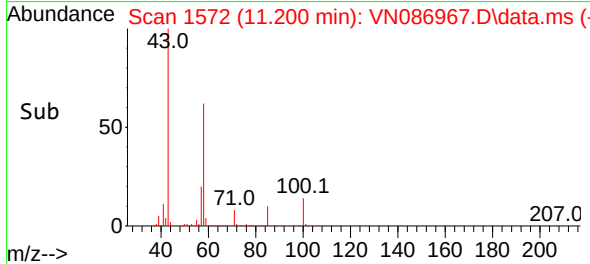
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



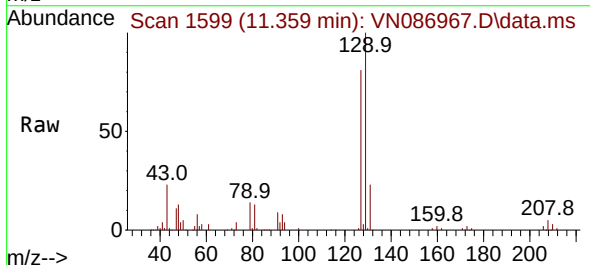
Tgt Ion: 43 Resp: 68877
Ion Ratio Lower Upper
43 100
58 65.7 30.4 91.3

Manual Integrations
APPROVED

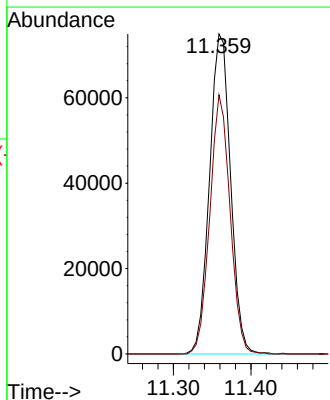
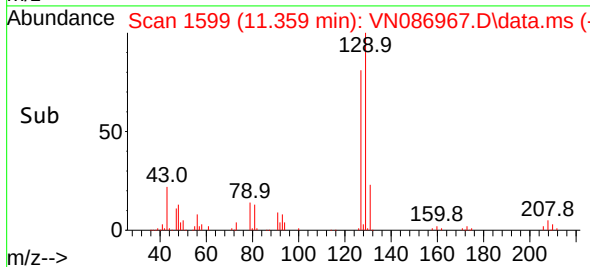
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

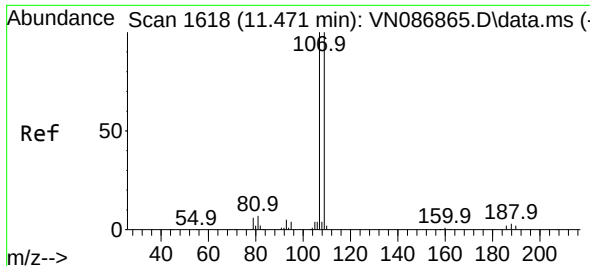


#60
Dibromochloromethane
Concen: 59.748 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



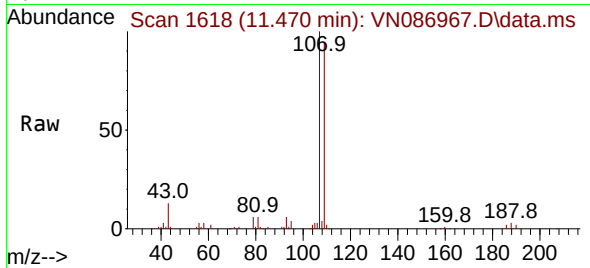
Tgt Ion:129 Resp: 141556
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 57.512 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

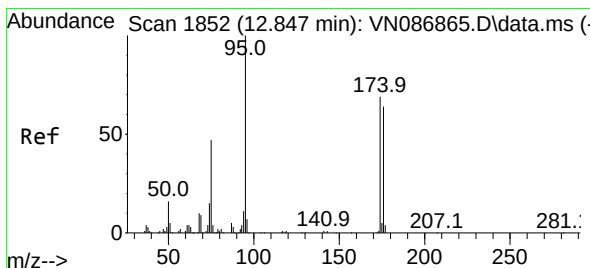
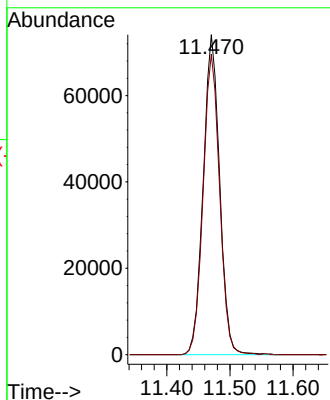
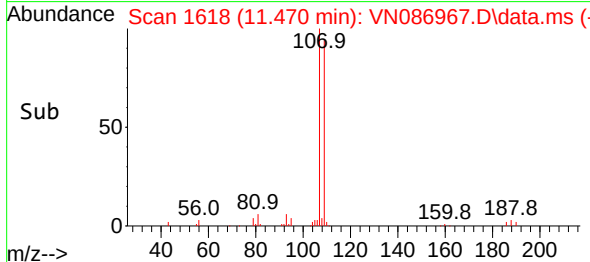
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



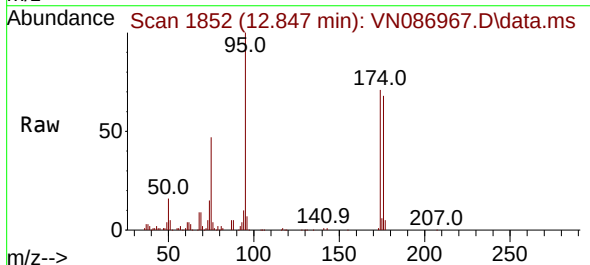
Tgt Ion:107 Resp: 134048
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5

Manual Integrations
APPROVED

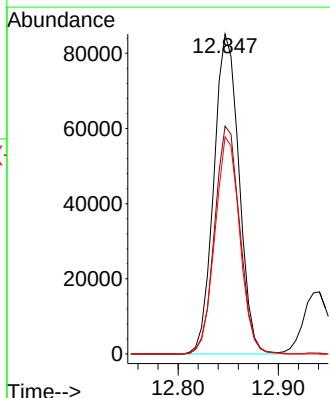
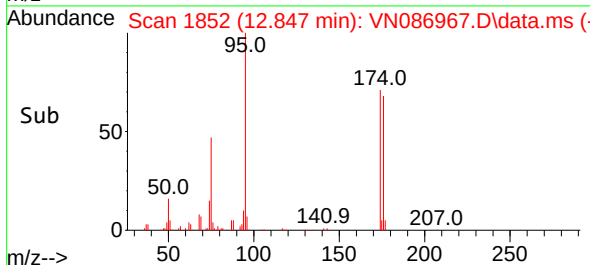
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

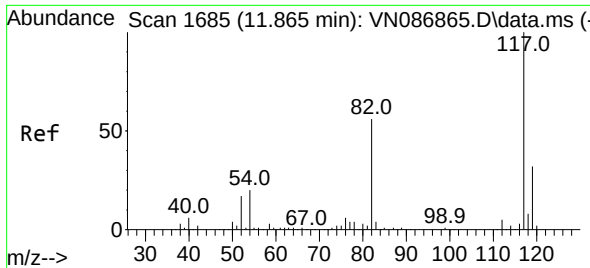


#62
4-Bromofluorobenzene
Concen: 50.900 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion: 95 Resp: 148573
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 67.2 0.0 132.6





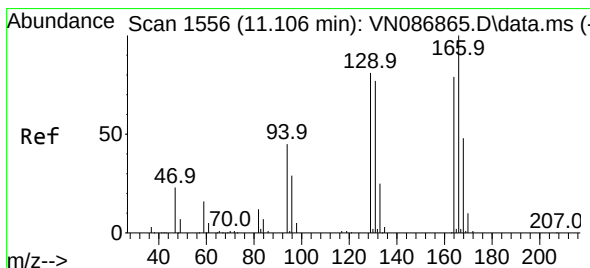
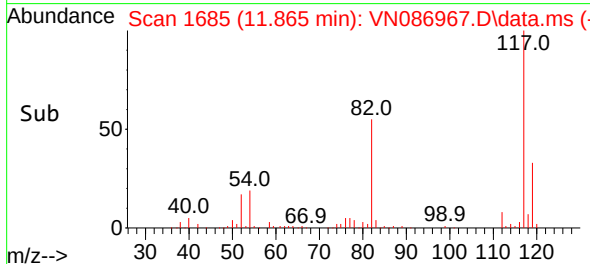
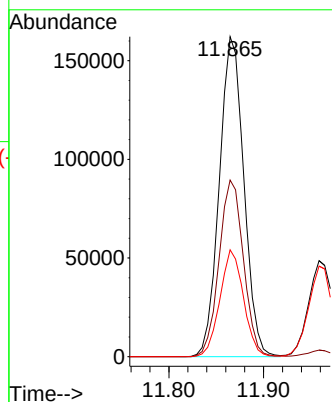
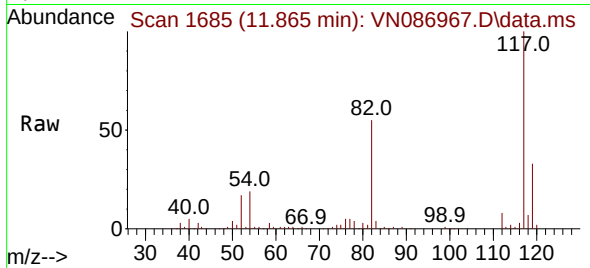
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 291911
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 33.4 25.5 38.3

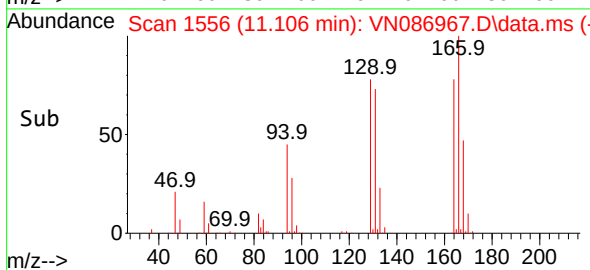
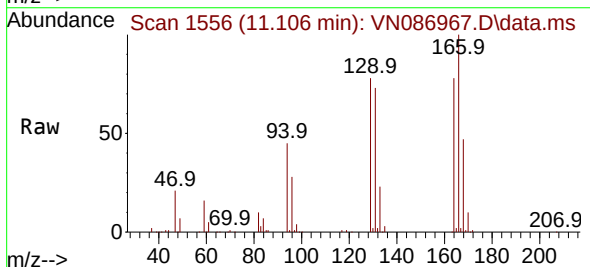
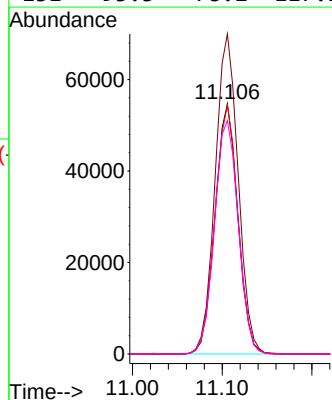
Manual Integrations
APPROVED

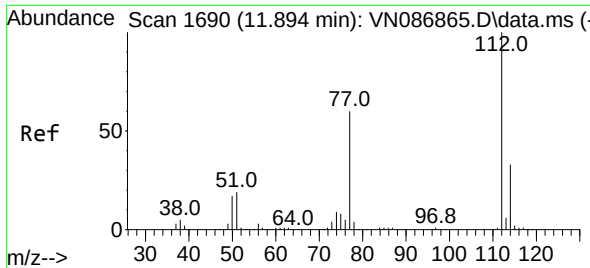
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#64
Tetrachloroethene
Concen: 52.528 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

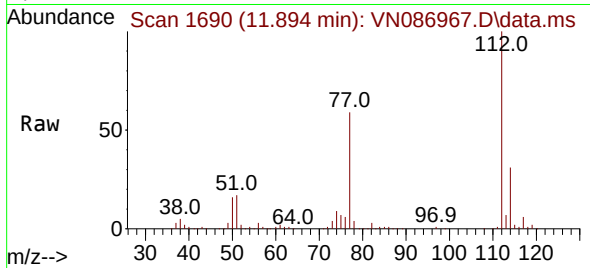
Tgt Ion:164 Resp: 97041
Ion Ratio Lower Upper
164 100
166 127.8 101.8 152.8
129 99.3 83.0 124.4
131 93.3 78.2 117.2





#65
Chlorobenzene
Concen: 55.838 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

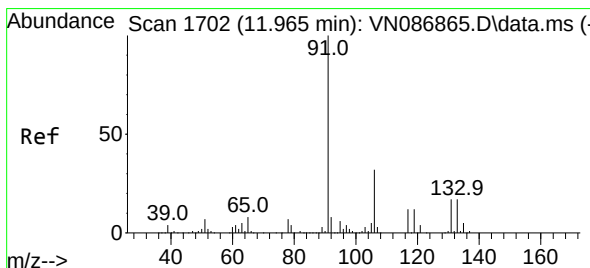
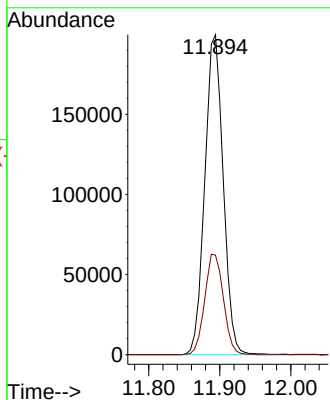
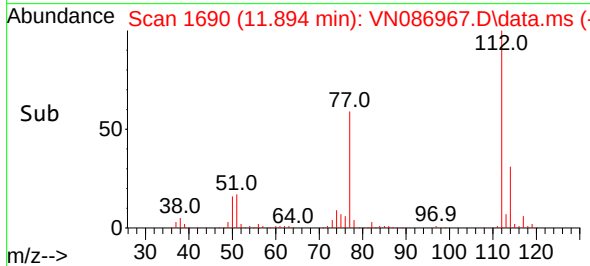
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



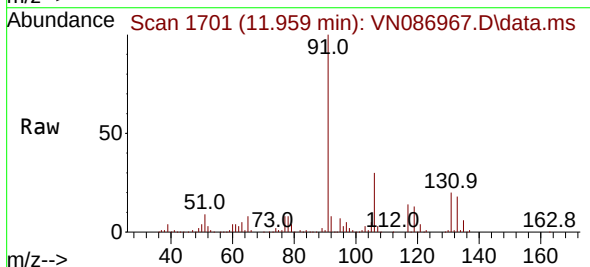
Tgt Ion:112 Resp: 35949
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
APPROVED

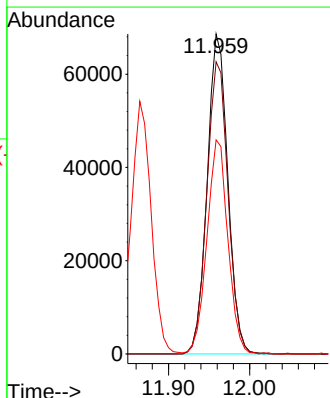
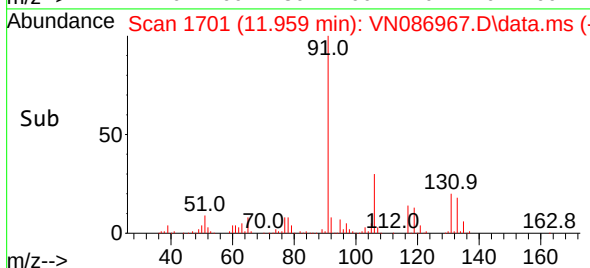
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

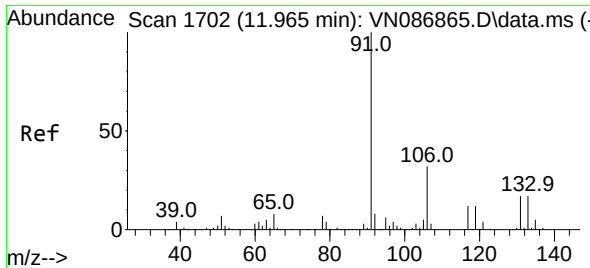


#66
1,1,1,2-Tetrachloroethane
Concen: 58.407 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion:131 Resp: 120876
Ion Ratio Lower Upper
131 100
133 94.4 48.3 144.8
119 67.9 34.0 101.8





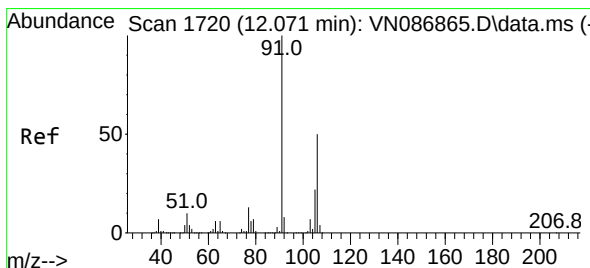
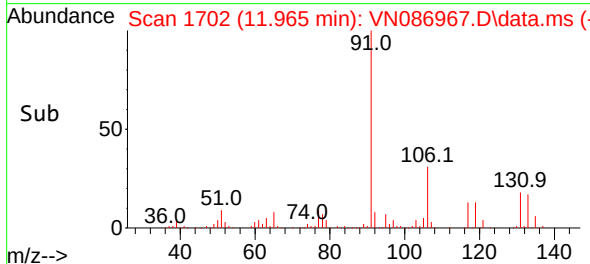
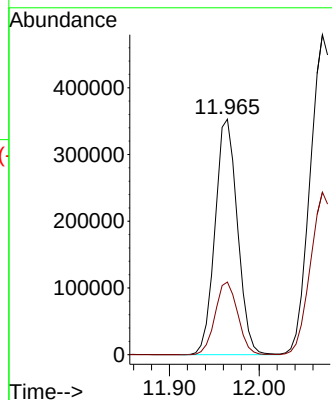
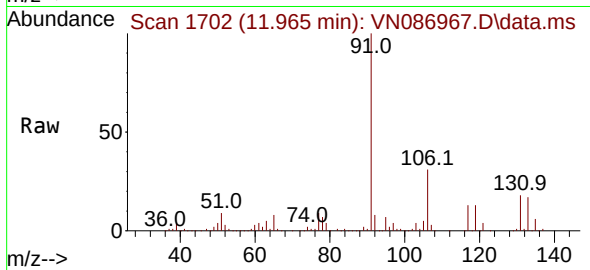
#67
Ethyl Benzene
Concen: 55.204 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 612202
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2

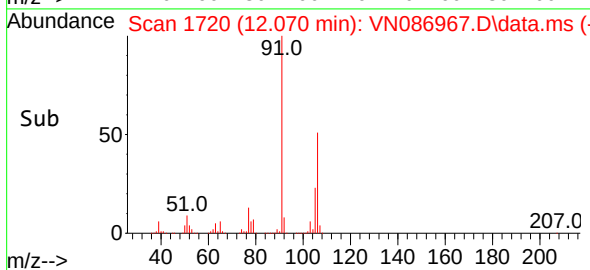
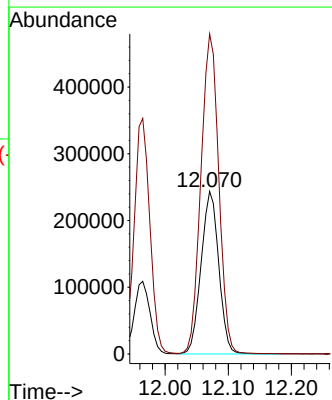
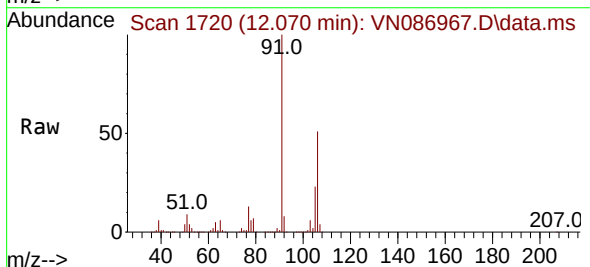
Manual Integrations
APPROVED

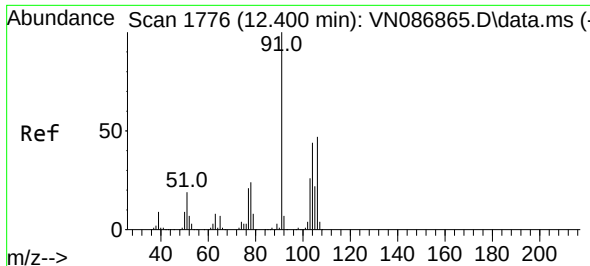
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#68
m/p-Xylenes
Concen: 111.485 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Tgt Ion:106 Resp: 473273
Ion Ratio Lower Upper
106 100
91 199.0 159.4 239.0





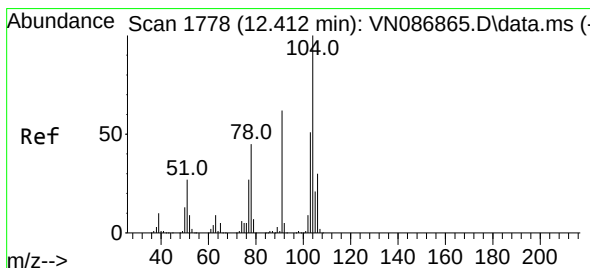
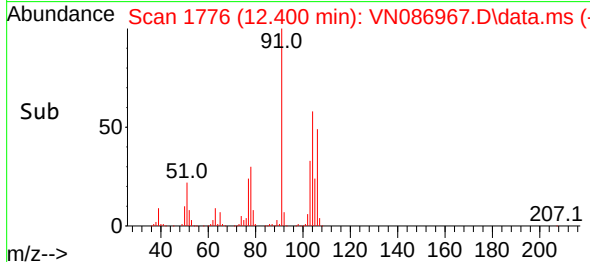
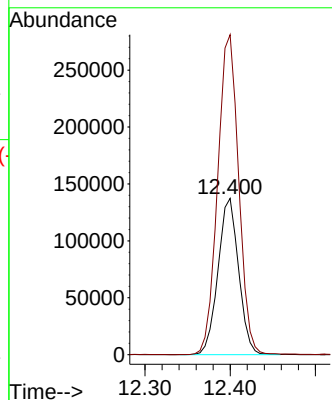
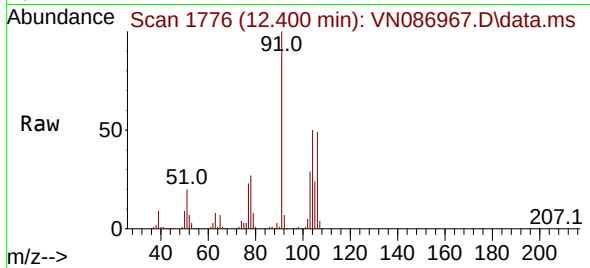
#69
o-Xylene
Concen: 56.848 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 231132
Ion Ratio Lower Upper
106 100
91 209.2 106.1 318.1

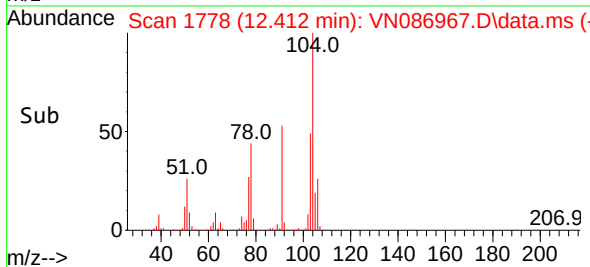
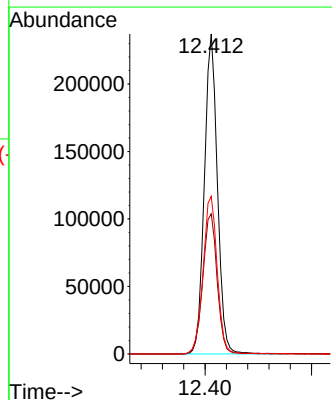
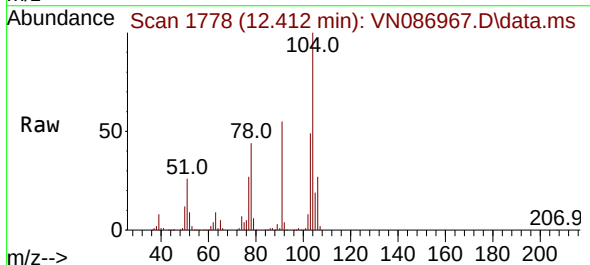
Manual Integrations
APPROVED

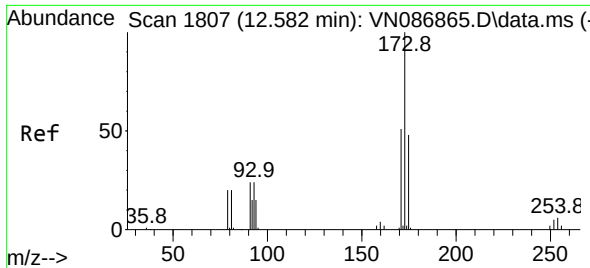
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#70
Styrene
Concen: 57.840 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Tgt Ion:104 Resp: 402406
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.3 43.1 64.7





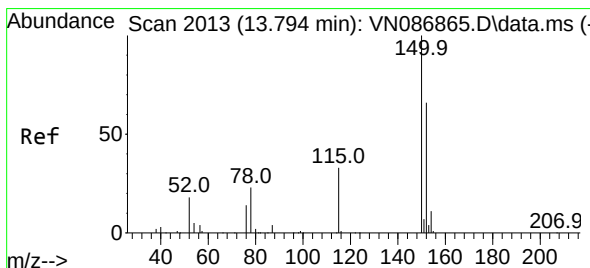
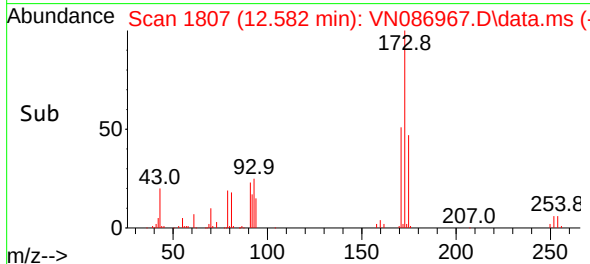
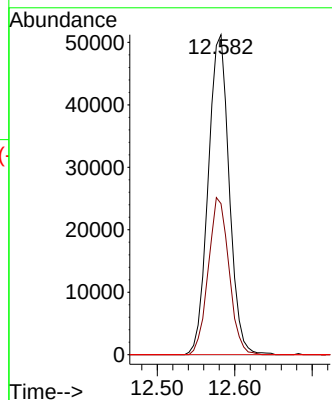
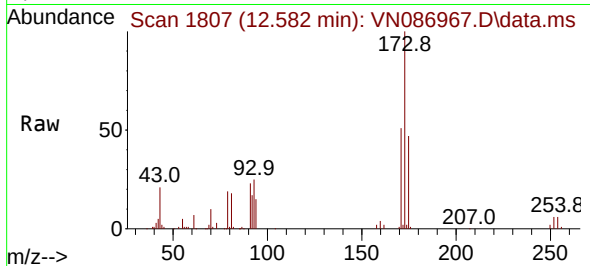
#71
Bromoform
Concen: 62.714 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 9616
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

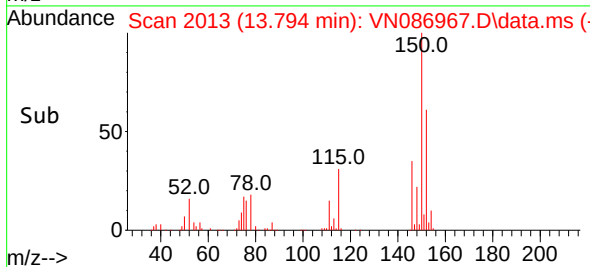
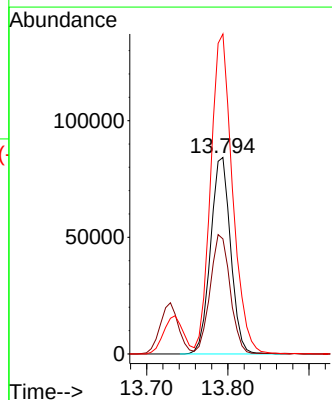
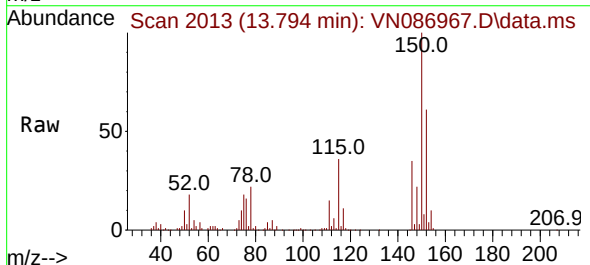
Manual Integrations
APPROVED

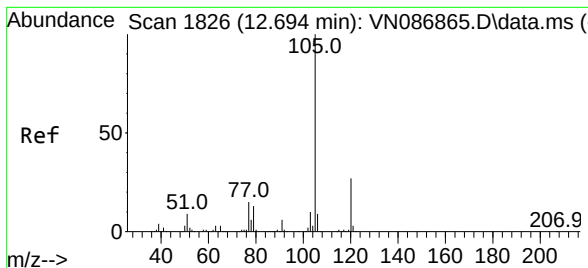
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Tgt Ion:152 Resp: 144672
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 177.1 0.0 345.0





#73

Isopropylbenzene

Concen: 54.516 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 574574

Ion Ratio Lower Upper

105 100

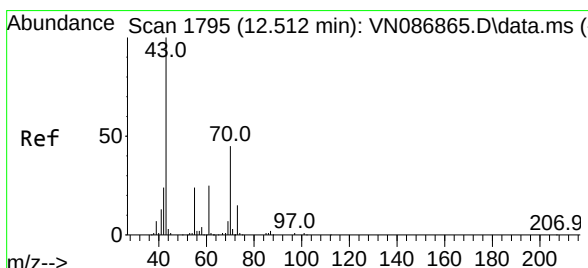
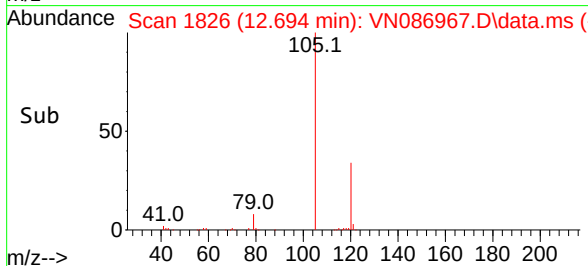
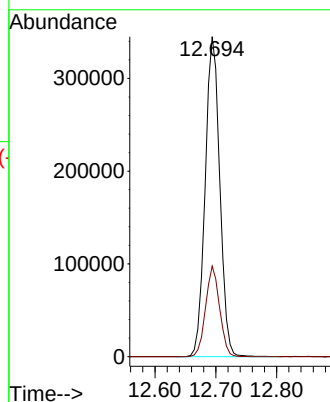
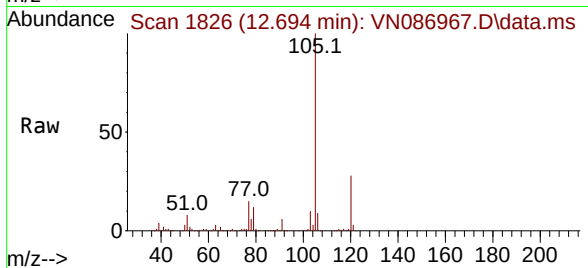
120 27.1 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#74

N-ethyl acetate

Concen: 53.829 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Tgt Ion: 43 Resp: 198248

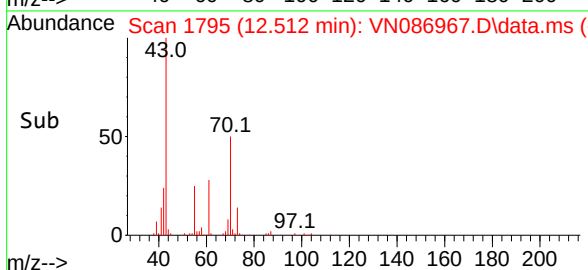
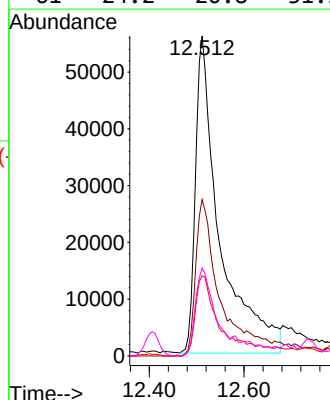
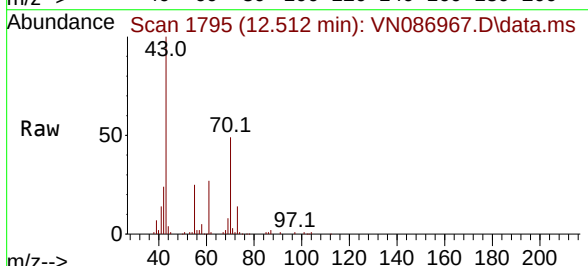
Ion Ratio Lower Upper

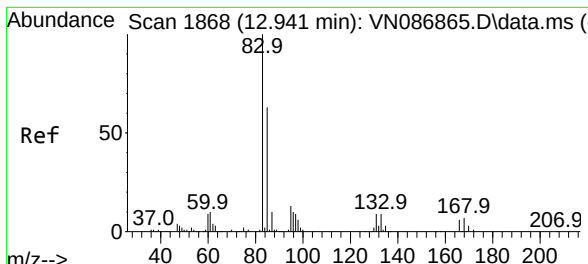
43 100

70 49.6 37.6 56.4

55 26.3 19.0 28.6

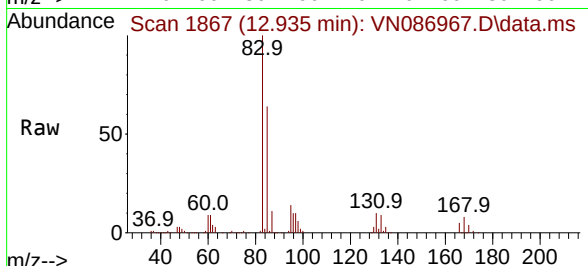
61 24.2 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.416 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

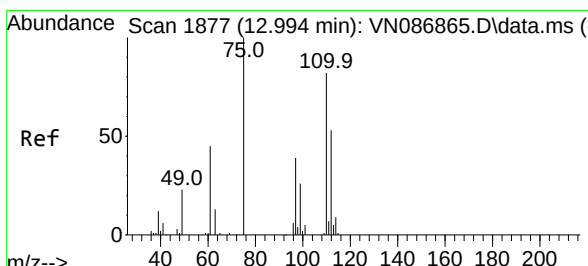
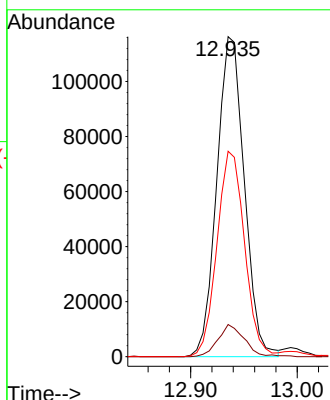
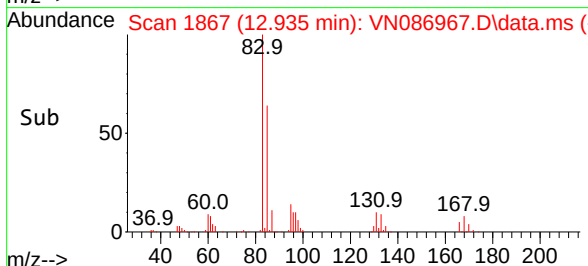
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 208578
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 64.5 32.0 96.0

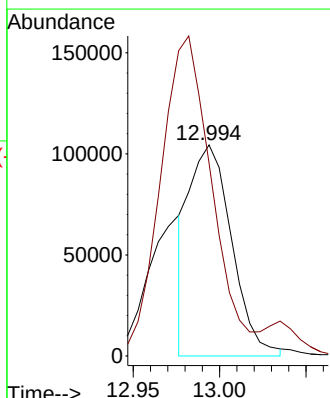
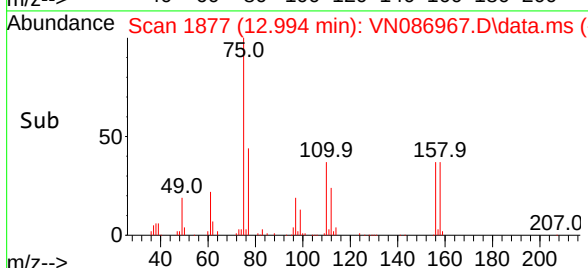
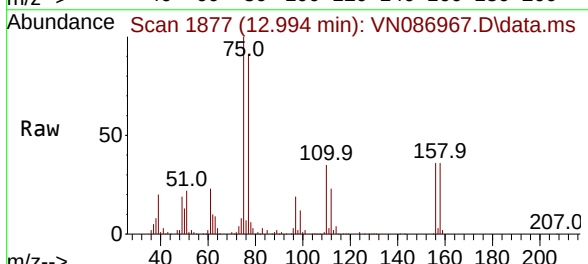
Manual Integrations
 APPROVED

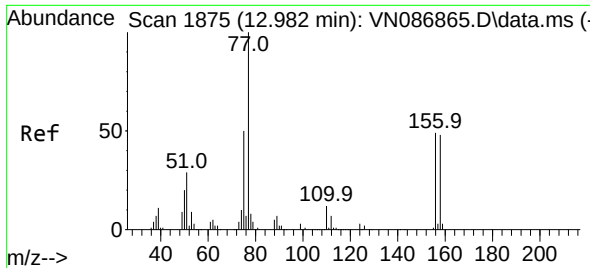
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#76
 1,2,3-Trichloropropane
 Concen: 51.884 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

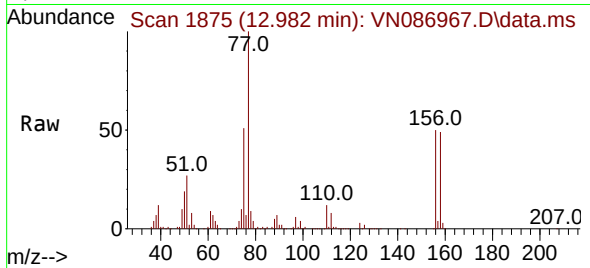
Tgt Ion: 75 Resp: 178423
 Ion Ratio Lower Upper
 75 100
 77 184.7 79.3 237.9





#77
Bromobenzene
Concen: 58.102 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

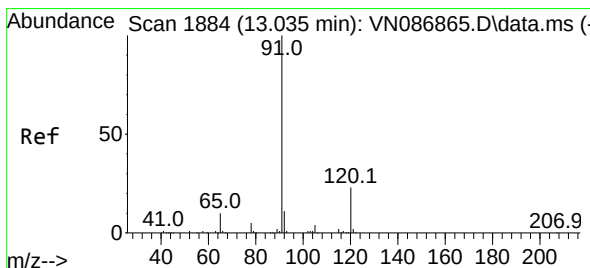
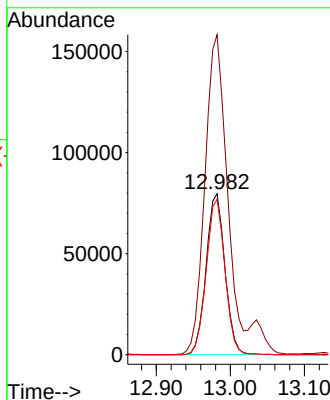
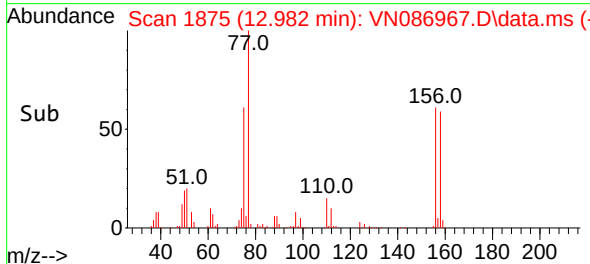
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



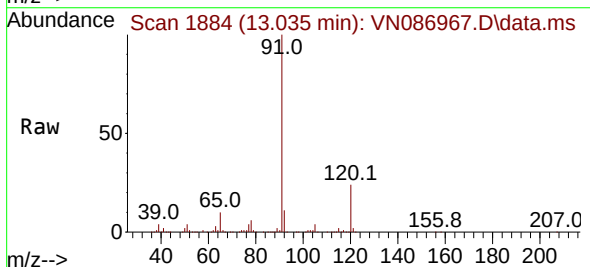
Tgt Ion:156 Resp: 140430
Ion Ratio Lower Upper
156 100
77 234.7 117.7 353.1
158 95.8 48.1 144.4

Manual Integrations
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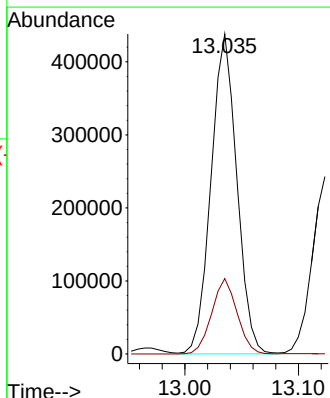
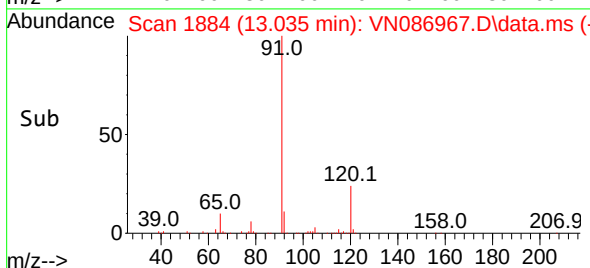
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

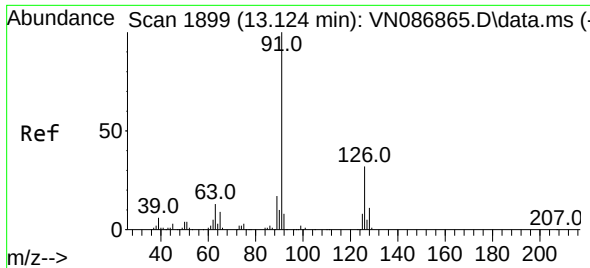


#78
n-propylbenzene
Concen: 53.921 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion: 91 Resp: 690637
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.2





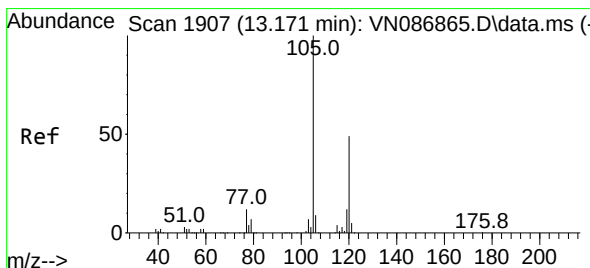
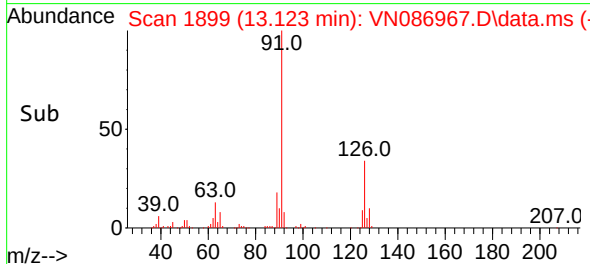
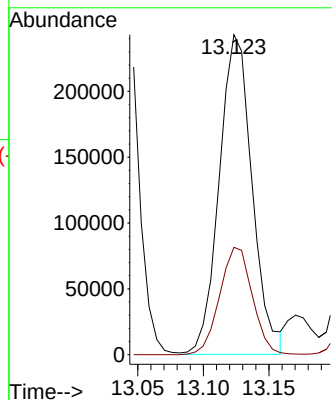
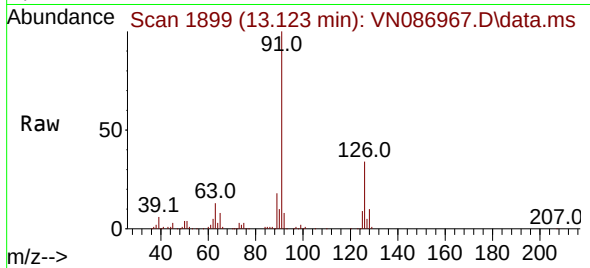
#79
2-Chlorotoluene
Concen: 55.125 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 423429
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.5

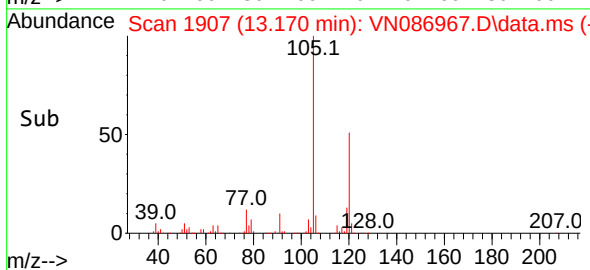
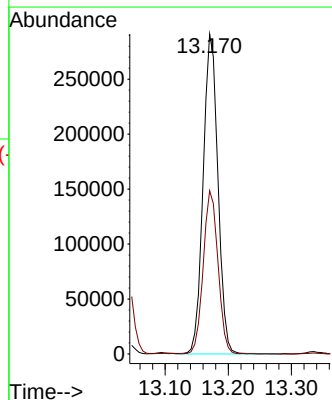
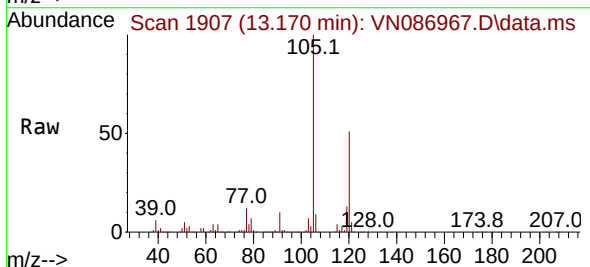
Manual Integrations
APPROVED

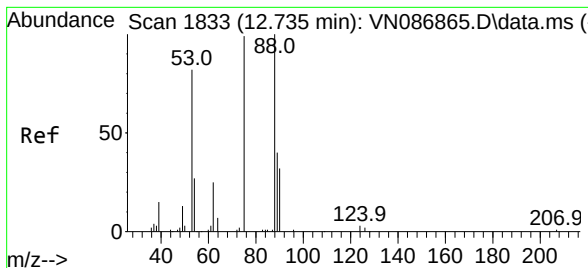
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.321 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

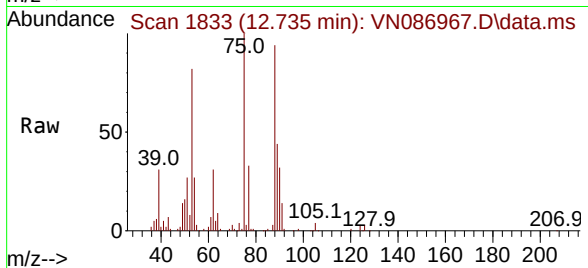
Tgt Ion:105 Resp: 472681
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 58.870 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

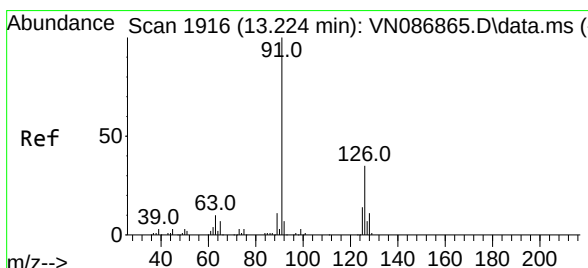
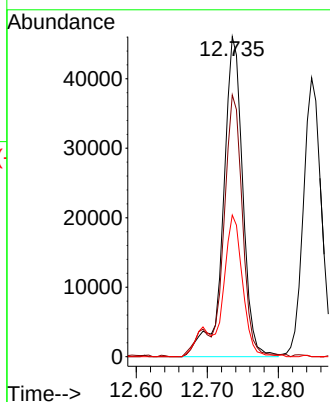
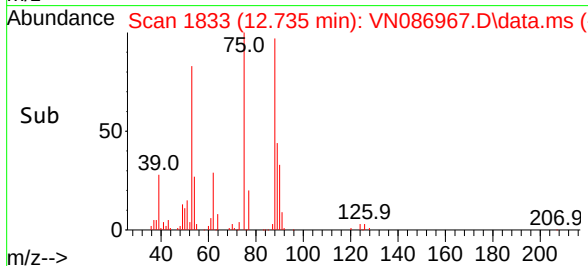
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 87940
Ion Ratio Lower Upper
75 100
53 75.6 66.6 99.8
89 41.6 36.7 55.1

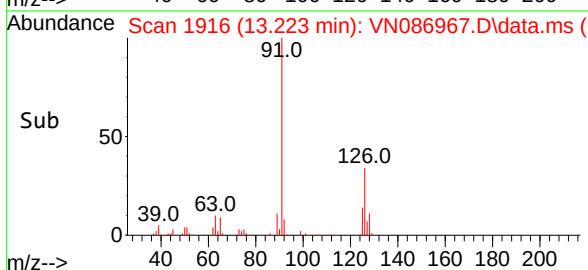
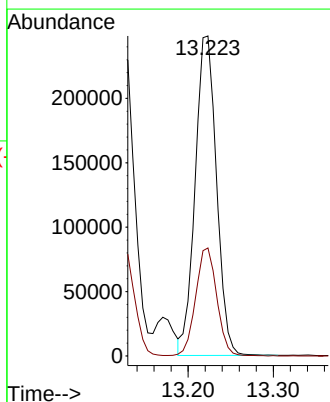
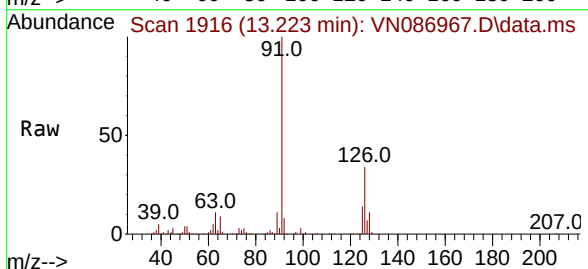
Manual Integrations
APPROVED

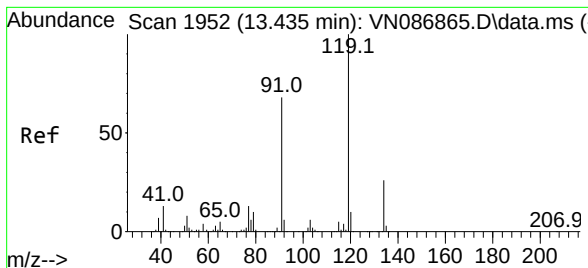
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#82
4-Chlorotoluene
Concen: 55.488 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

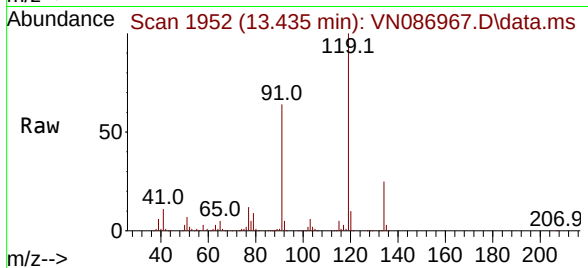
Tgt Ion: 91 Resp: 431259
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.1





#83
tert-Butylbenzene
Concen: 53.555 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

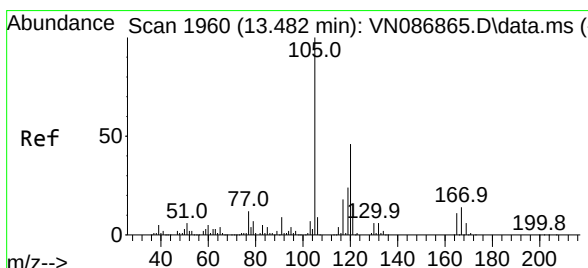
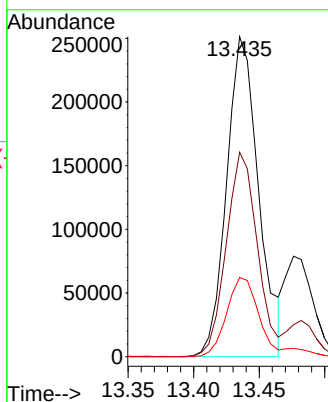
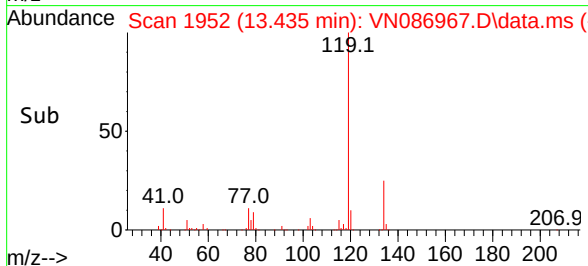
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



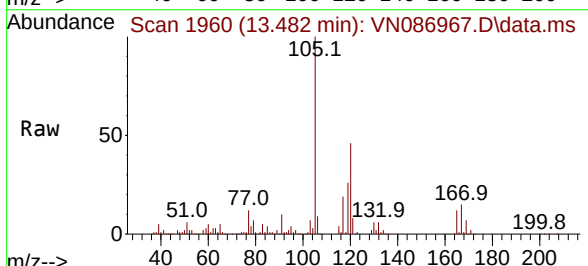
Tgt Ion:119 Resp: 426578
Ion Ratio Lower Upper
119 100
91 62.1 32.1 96.5
134 26.6 13.4 40.1

Manual Integrations
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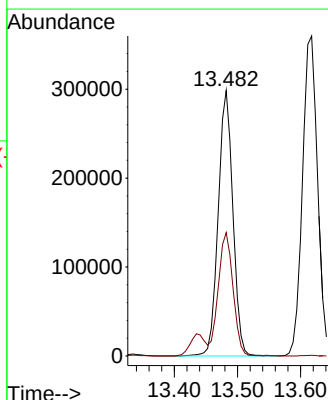
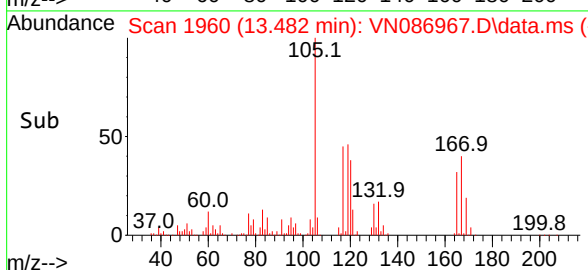
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

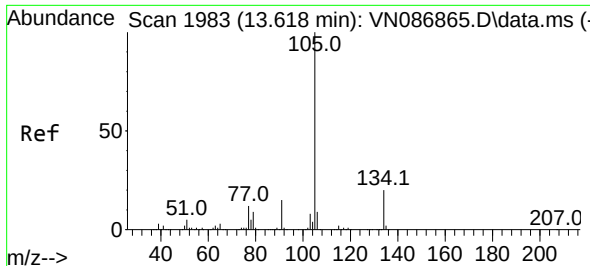


#84
1,2,4-Trimethylbenzene
Concen: 55.309 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



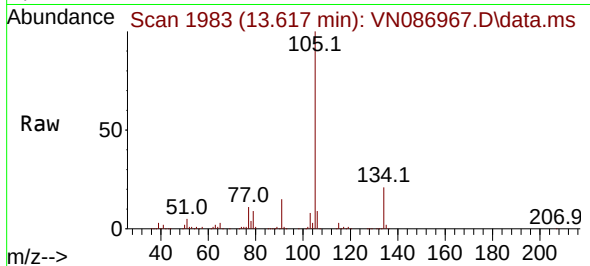
Tgt Ion:105 Resp: 482611
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 51.674 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

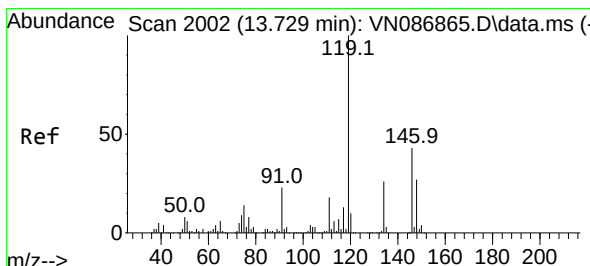
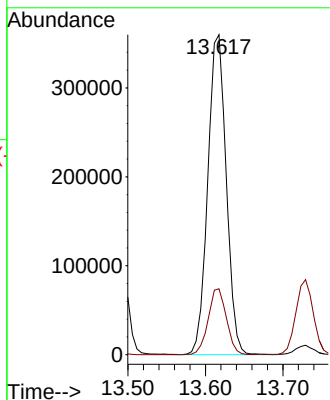
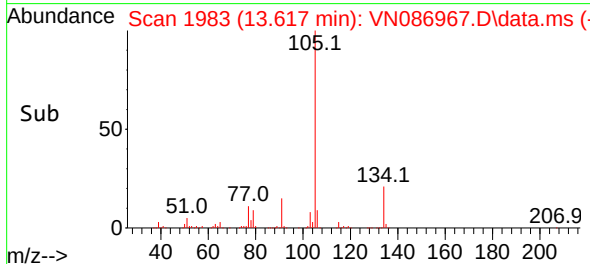
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 597724
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

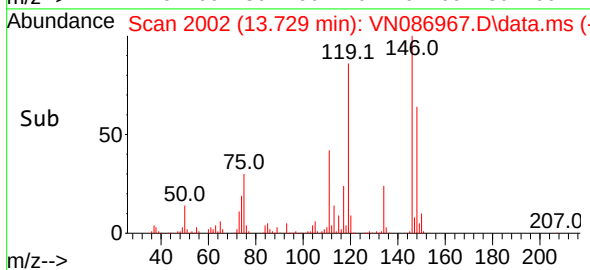
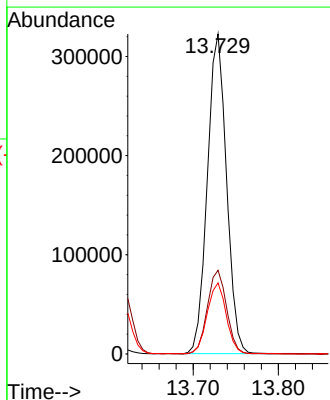
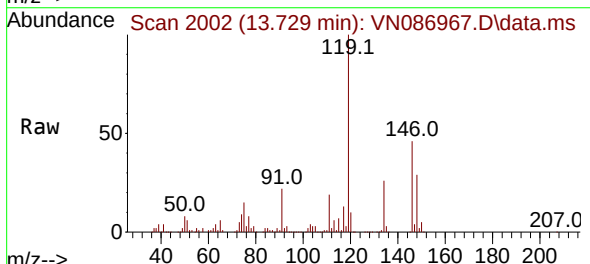
Manual Integrations
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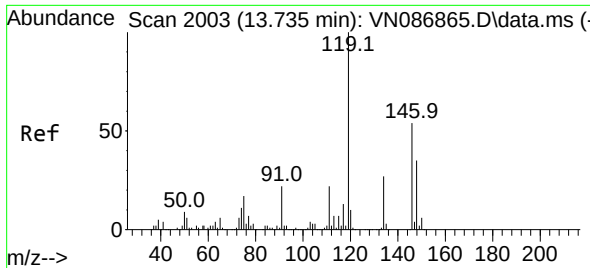
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#86
 p-Isopropyltoluene
 Concen: 52.598 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086967.D
 Acq: 12 Jun 2025 10:58

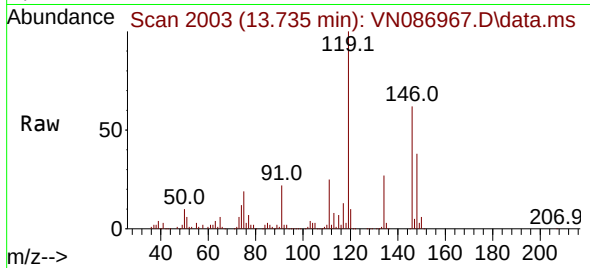
Tgt Ion:119 Resp: 502935
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 22.0 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 56.838 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

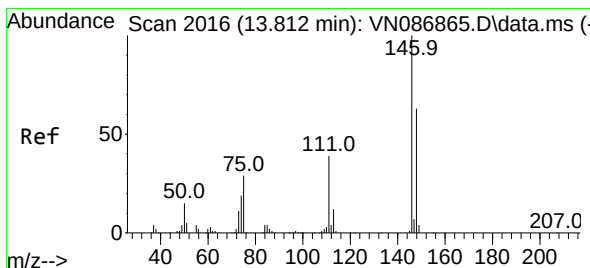
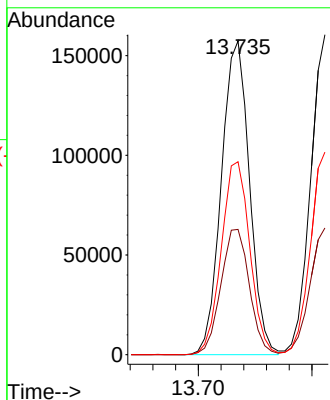
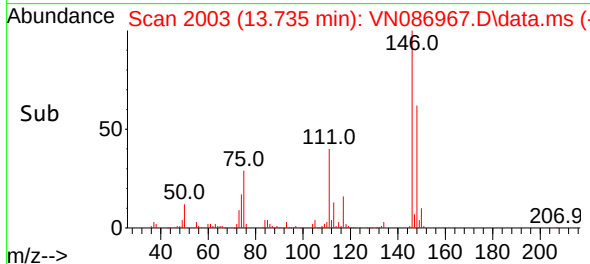
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



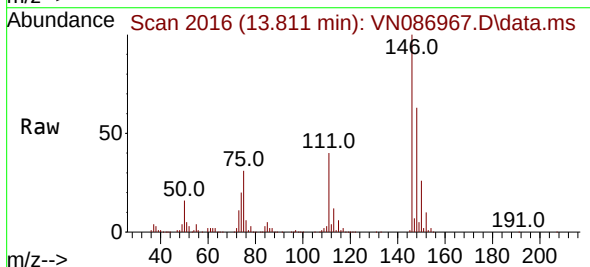
Tgt Ion:146 Resp: 27029
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 62.4 32.0 96.2

Manual Integrations
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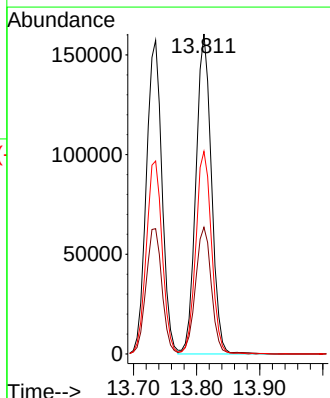
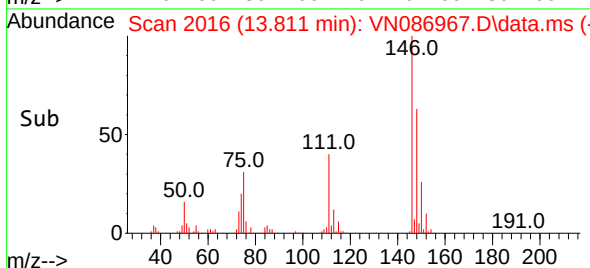
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

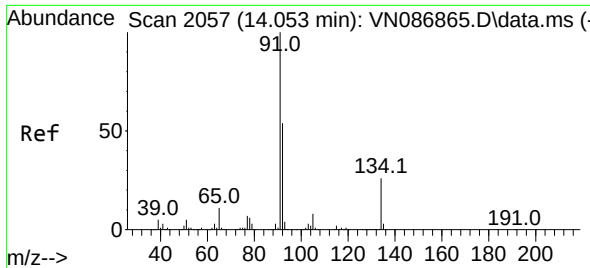


#88
1,4-Dichlorobenzene
Concen: 56.350 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion:146 Resp: 273209
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 63.8 31.8 95.4





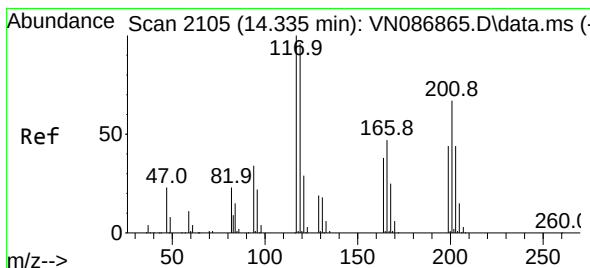
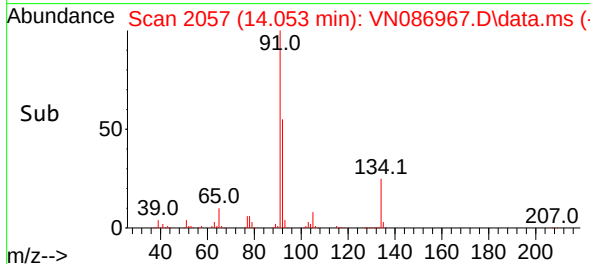
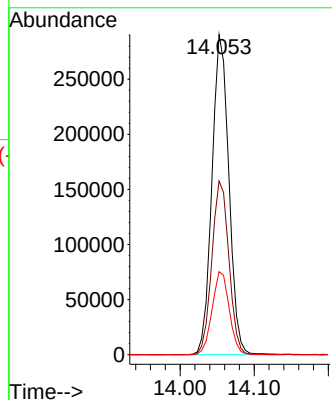
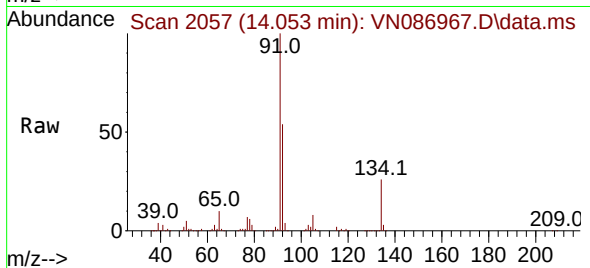
#89
n-Butylbenzene
Concen: 49.714 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 46043
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.4
134 26.3 13.0 39.0

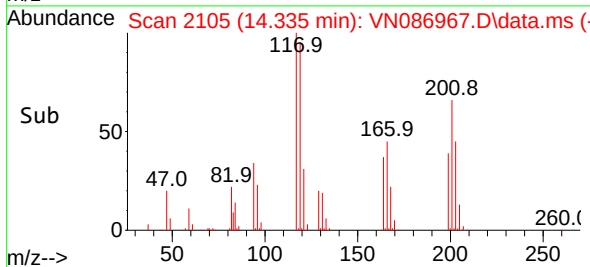
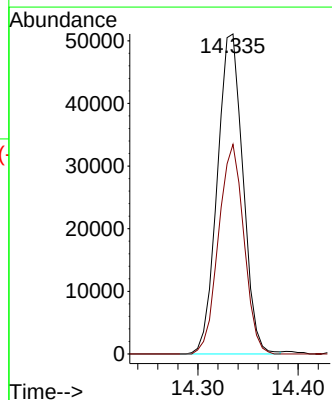
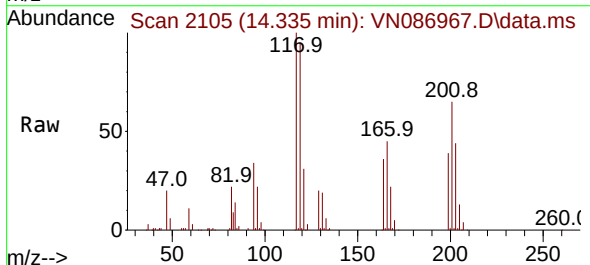
Manual Integrations
APPROVED

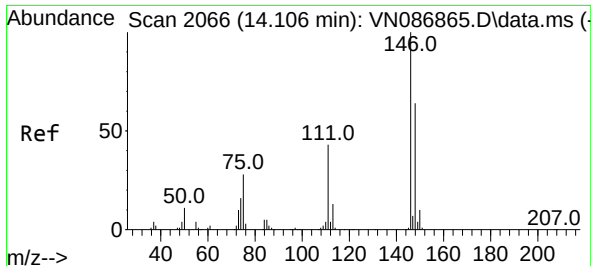
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#90
Hexachloroethane
Concen: 56.009 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Tgt Ion:117 Resp: 90778
Ion Ratio Lower Upper
117 100
201 64.5 33.2 99.6





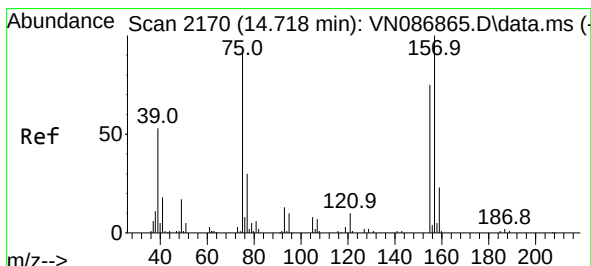
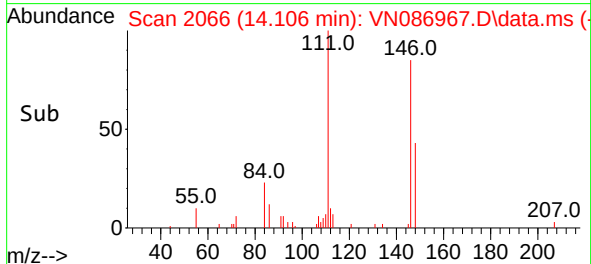
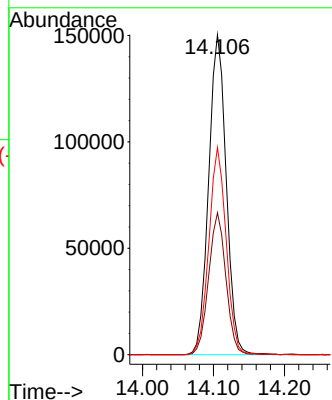
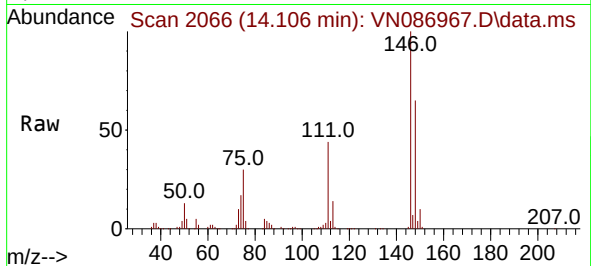
#91
1,2-Dichlorobenzene
Concen: 56.635 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 258754
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 63.9 31.7 95.1

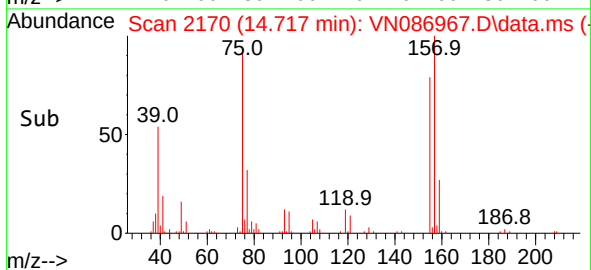
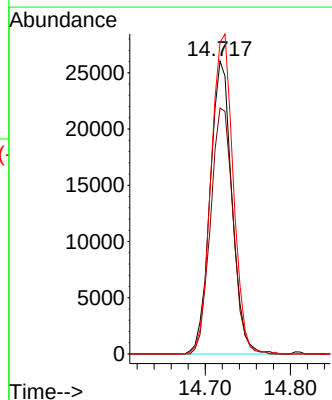
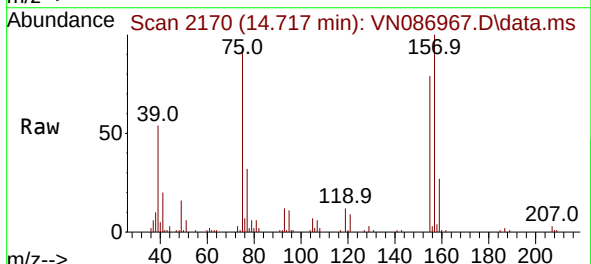
Manual Integrations
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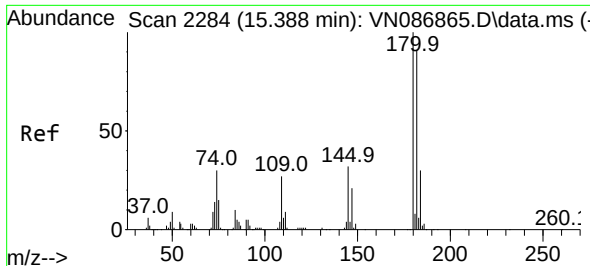
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.321 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

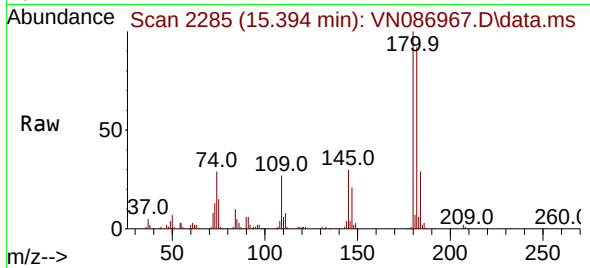
Tgt Ion: 75 Resp: 46385
Ion Ratio Lower Upper
75 100
155 86.4 41.1 123.4
157 110.9 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 53.083 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58

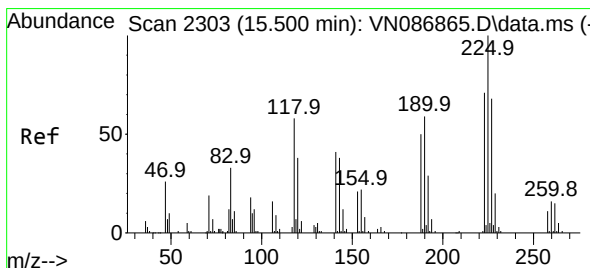
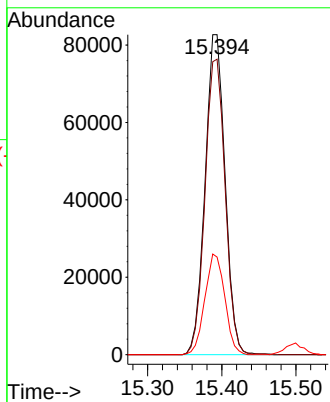
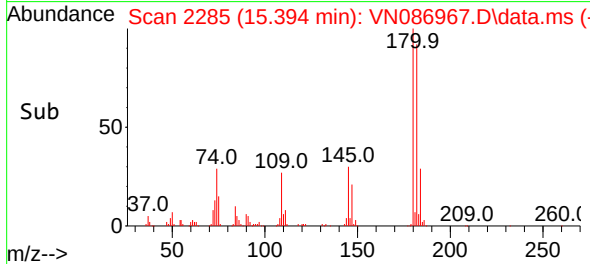
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



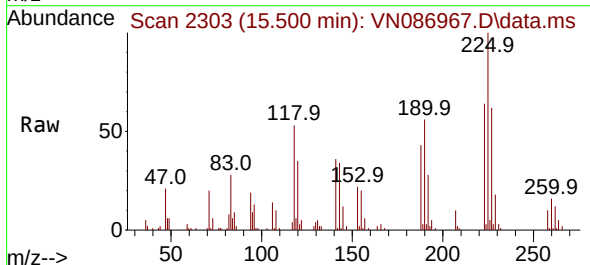
Tgt Ion:180 Resp: 15486
Ion Ratio Lower Upper
180 100
182 93.3 46.9 140.7
145 31.4 16.0 47.9

Manual Integrations
APPROVED

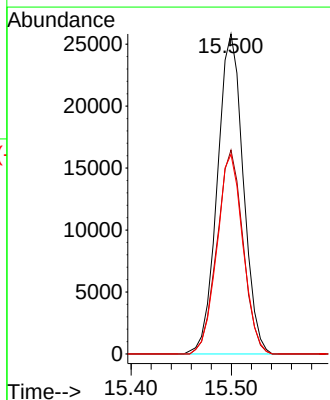
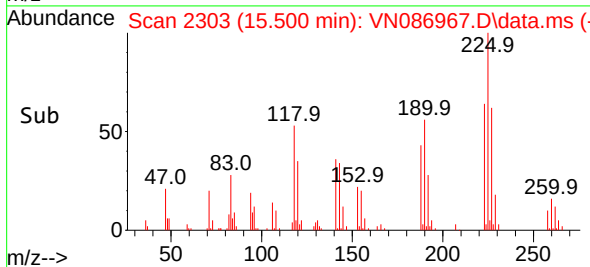
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

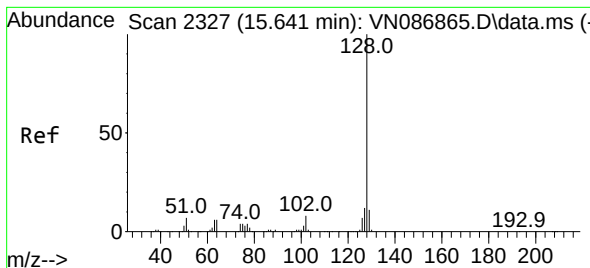


#94
Hexachlorobutadiene
Concen: 42.625 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086967.D
Acq: 12 Jun 2025 10:58



Tgt Ion:225 Resp: 46332
Ion Ratio Lower Upper
225 100
223 63.8 33.5 100.4
227 62.6 31.1 93.5





#95

Naphthalene

Concen: 55.611 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

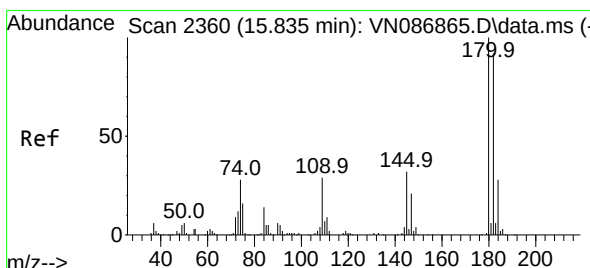
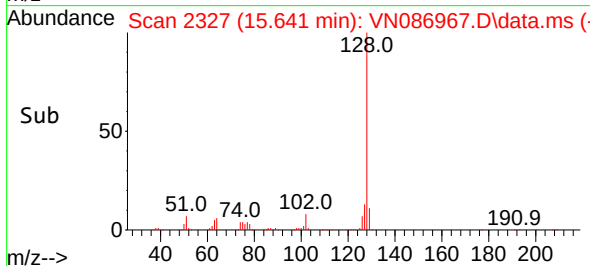
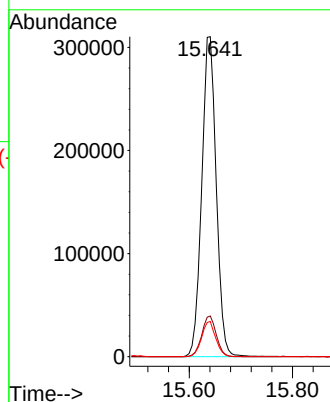
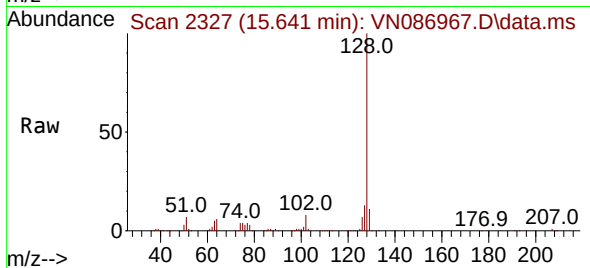
Tgt Ion:128 Resp: 60389
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.455 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086967.D

Acq: 12 Jun 2025 10:58

Tgt Ion:180 Resp: 149151
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.0 141.0
 145 32.7 16.6 49.8

