

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086886.D
 Acq On : 06 Jun 2025 22:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:33:44 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	8.235	168	261736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	470194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164275	46.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.760%		
35) Dibromofluoromethane	8.177	113	143554	51.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.040%		
50) Toluene-d8	10.571	98	543822	49.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.600%		
62) 4-Bromofluorobenzene	12.847	95	200570	48.940	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	129536	49.637	ug/l	98
3) Chloromethane	2.395	50	141728	42.057	ug/l	100
4) Vinyl Chloride	2.553	62	163556	47.050	ug/l	96
5) Bromomethane	2.989	94	69976	35.971	ug/l	96
6) Chloroethane	3.153	64	106047	47.227	ug/l	100
7) Trichlorofluoromethane	3.524	101	221064	48.673	ug/l	98
8) Diethyl Ether	3.983	74	101515	51.299	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.394	101	132229	46.339	ug/l	98
10) Methyl Iodide	4.612	142	120980	32.706	ug/l	99
11) Tert butyl alcohol	5.541	59	218899	230.209	ug/l	99
12) 1,1-Dichloroethene	4.365	96	144316	49.539	ug/l	93
13) Acrolein	4.200	56	78289	260.110	ug/l	99
14) Allyl chloride	5.042	41	202887	41.994	ug/l	96
15) Acrylonitrile	5.736	53	517438	232.815	ug/l	100
16) Acetone	4.447	43	396856	213.549	ug/l	97
17) Carbon Disulfide	4.736	76	361259	44.831	ug/l	99
18) Methyl Acetate	5.047	43	251426	46.426	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	525159	49.787	ug/l	98
20) Methylene Chloride	5.300	84	164665	47.328	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	153765	47.441	ug/l	93
22) Diisopropyl ether	6.688	45	473587	46.502	ug/l	96
23) Vinyl Acetate	6.618	43	2026326	235.497	ug/l	97
24) 1,1-Dichloroethane	6.588	63	280638	47.884	ug/l	99
25) 2-Butanone	7.494	43	671575	222.321	ug/l	98
26) 2,2-Dichloropropane	7.506	77	174955	38.376	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	191243	49.337	ug/l	94
28) Bromochloromethane	7.824	49	118823	41.235	ug/l	89
29) Tetrahydrofuran	7.847	42	433459	220.275	ug/l	93
30) Chloroform	7.977	83	276347	47.216	ug/l	99
31) Cyclohexane	8.271	56	225270	39.634	ug/l	94
32) 1,1,1-Trichloroethane	8.182	97	232790	46.763	ug/l	99
36) 1,1-Dichloropropene	8.382	75	197479	47.561	ug/l	98
37) Ethyl Acetate	7.571	43	243794	46.124	ug/l	98
38) Carbon Tetrachloride	8.371	117	197173	48.369	ug/l	98
39) Methylcyclohexane	9.606	83	229965	40.426	ug/l	95
40) Benzene	8.612	78	654782	48.225	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	135457	45.632	ug/l	96
42) 1,2-Dichloroethane	8.677	62	196625	47.745	ug/l	99
43) Isopropyl Acetate	8.694	43	390586	46.040	ug/l	97
44) Trichloroethene	9.359	130	161285	50.096	ug/l	99
45) 1,2-Dichloropropane	9.629	63	157627	47.719	ug/l	98
46) Dibromomethane	9.718	93	110060	50.163	ug/l	96
47) Bromodichloromethane	9.894	83	222106	49.201	ug/l	97
48) Methyl methacrylate	9.682	41	182261	46.678	ug/l	96
49) 1,4-Dioxane	9.700	88	74348	1046.645	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	1212669	237.445	ug/l	96
52) Toluene	10.635	92	407924	49.161	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	243593	48.257	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	260316	48.197	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	159164	49.851	ug/l	97
56) Ethyl methacrylate	10.882	69	277672	54.602	ug/l	93
57) 1,3-Dichloropropane	11.165	76	271853	49.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	708883	233.712	ug/l	96
59) 2-Hexanone	11.200	43	827966	251.684	ug/l	93
60) Dibromochloromethane	11.359	129	173917	52.282	ug/l	99
61) 1,2-Dibromoethane	11.471	107	166960	51.018	ug/l	99
64) Tetrachloroethene	11.106	164	122755	48.893	ug/l	92
65) Chlorobenzene	11.894	112	444982	50.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	147965	52.609	ug/l	99
67) Ethyl Benzene	11.965	91	734822	48.757	ug/l	99
68) m/p-Xylenes	12.070	106	570986	98.971	ug/l	99
69) o-Xylene	12.400	106	279626	50.607	ug/l	97
70) Styrene	12.412	104	485486	51.347	ug/l	99
71) Bromoform	12.582	173	118580	56.902	ug/l #	99
73) Isopropylbenzene	12.694	105	672390	49.309	ug/l	99
74) N-amyl acetate	12.506	43	278292	58.402	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	247030	53.474	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	209654m	47.120	ug/l	
77) Bromobenzene	12.982	156	170605	54.554	ug/l	96
78) n-propylbenzene	13.035	91	791890	47.786	ug/l	98
79) 2-Chlorotoluene	13.123	91	491092	49.415	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	551586	48.994	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	91192	47.180	ug/l	96
82) 4-Chlorotoluene	13.223	91	499349	49.658	ug/l	99
83) tert-Butylbenzene	13.435	119	497290	48.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	558265	49.450	ug/l	99
85) sec-Butylbenzene	13.617	105	686418	45.865	ug/l	98
86) p-Isopropyltoluene	13.729	119	576935	46.635	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	308503	50.140	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	317203	50.567	ug/l	99
89) n-Butylbenzene	14.053	91	514554	42.940	ug/l	99
90) Hexachloroethane	14.335	117	101289	48.302	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	302374	51.152	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	54677	49.490	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	178194	47.207	ug/l	99
94) Hexachlorobutadiene	15.500	225	56742	40.347	ug/l	99
95) Naphthalene	15.635	128	712445	50.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	171749	45.795	ug/l	98

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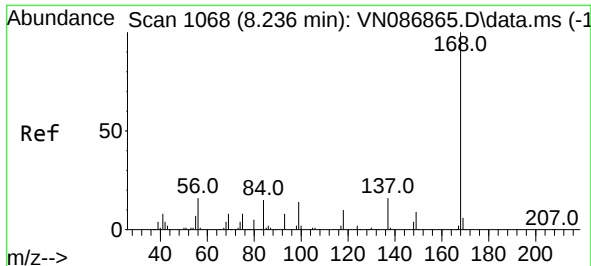
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

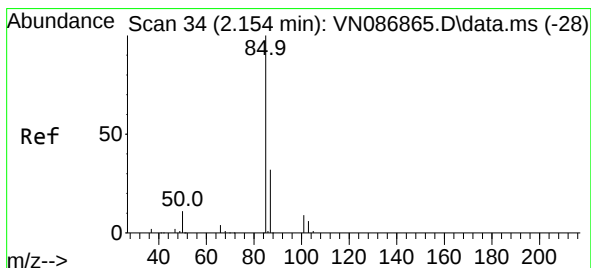
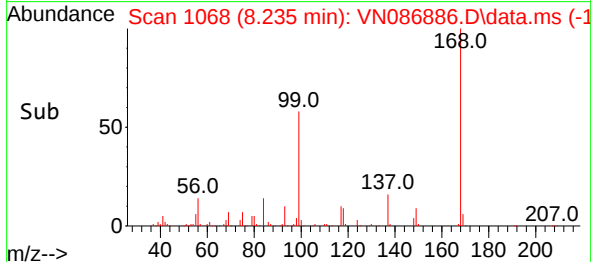
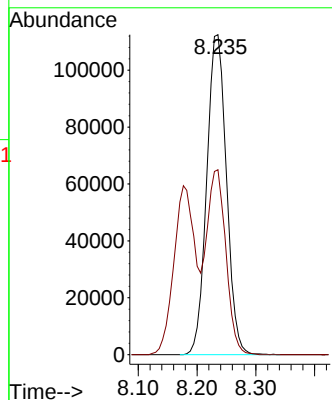
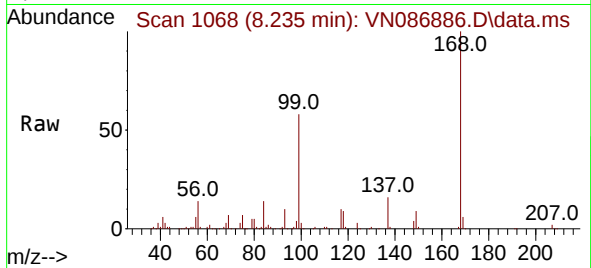
VSTDCCC050EC

Tgt Ion:168 Resp: 261736
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7

Manual Integrations

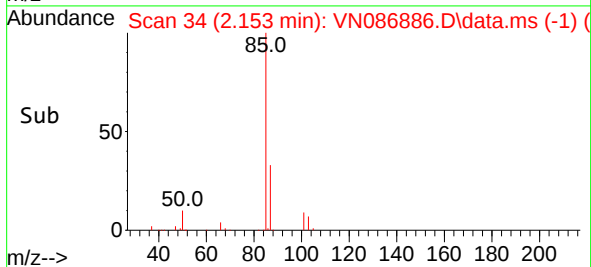
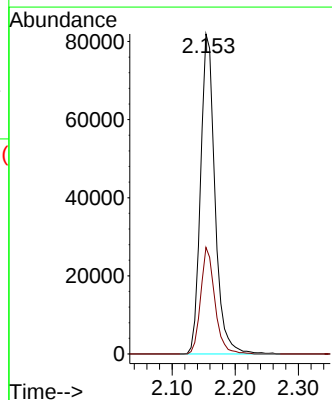
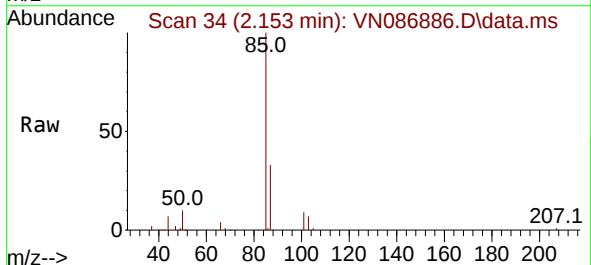
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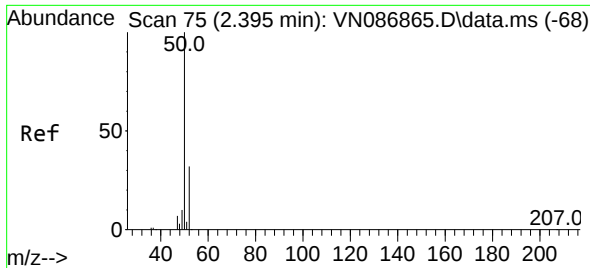
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#2
Dichlorodifluoromethane
Concen: 49.637 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

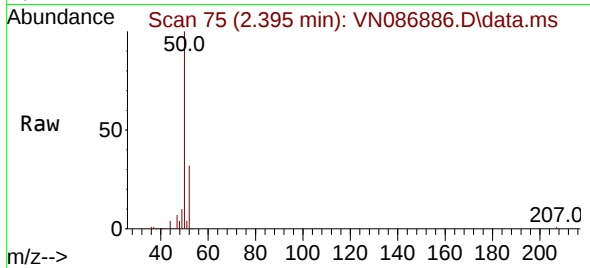
Tgt Ion: 85 Resp: 129536
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





#3
Chloromethane
Concen: 42.057 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

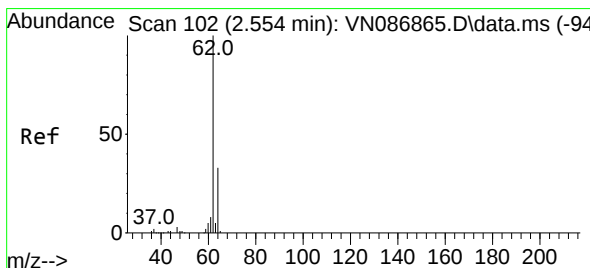
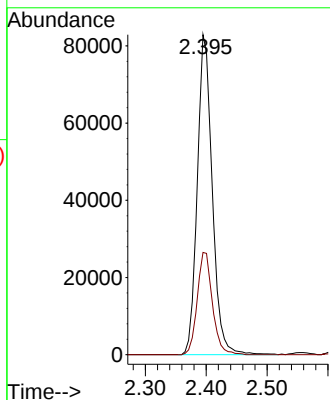
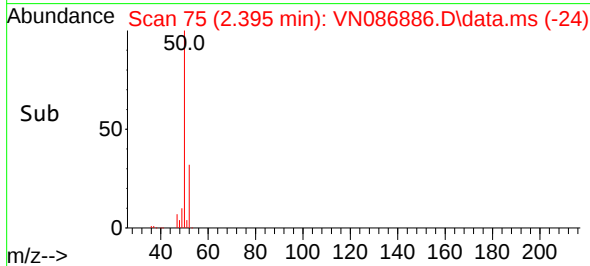
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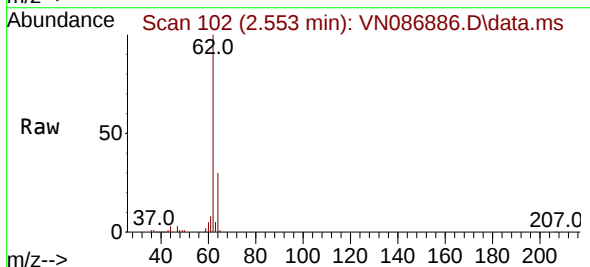
Tgt Ion: 50 Resp: 141728
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5

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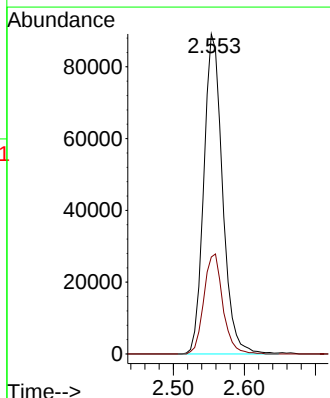
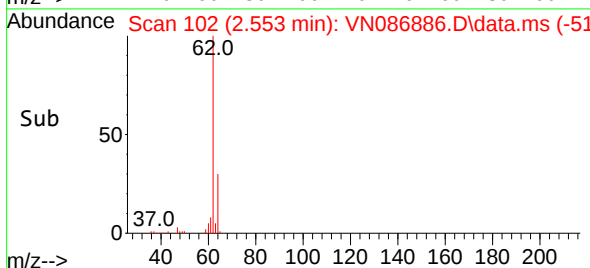
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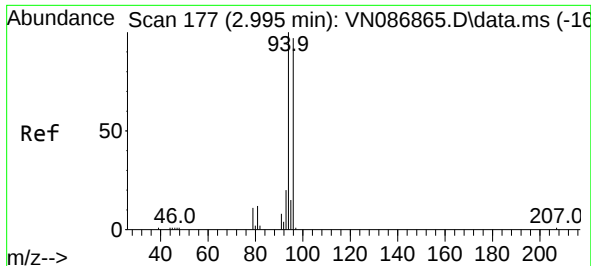


#4
Vinyl Chloride
Concen: 47.050 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



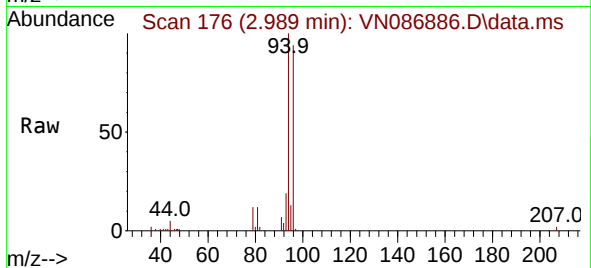
Tgt Ion: 62 Resp: 163556
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0





#5
Bromomethane
Concen: 35.971 ug/l
RT: 2.989 min Scan# 177
Delta R.T. -0.006 min
Lab File: VN086886.D
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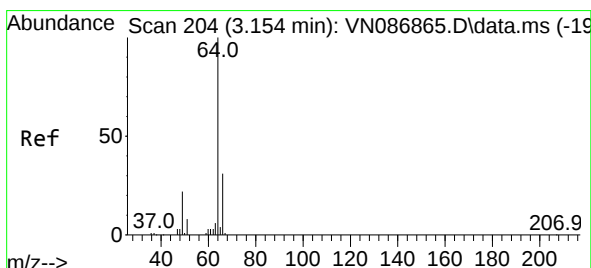
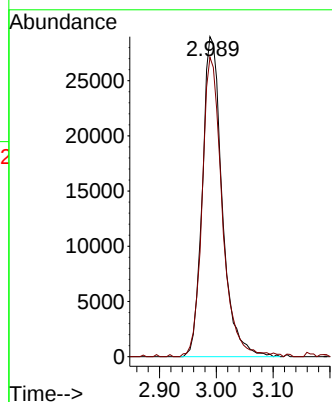
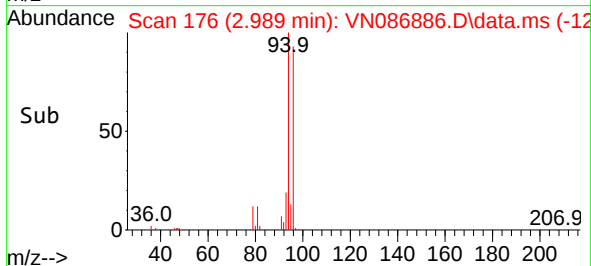
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Tgt Ion: 94 Resp: 69970
Ion Ratio Lower Upper
94 100
96 93.5 77.9 116.9

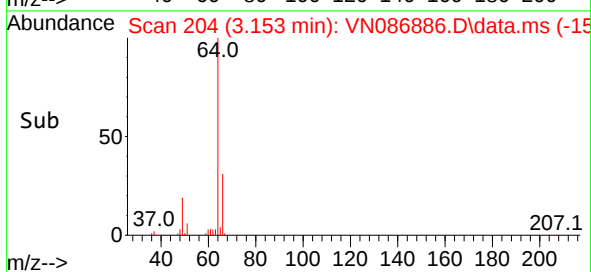
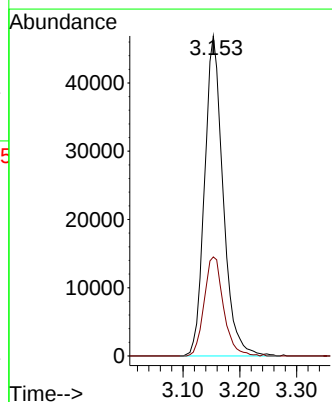
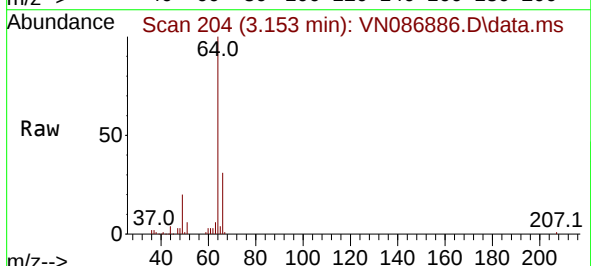
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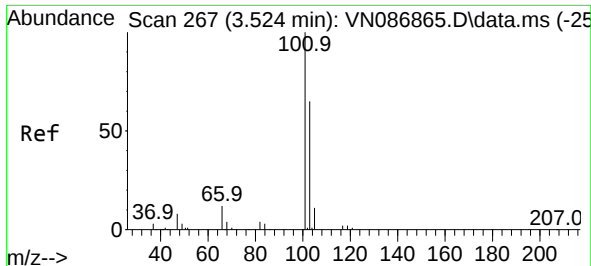
Reviewed By :John Carlone 06/09/2025
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#6
Chloroethane
Concen: 47.227 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
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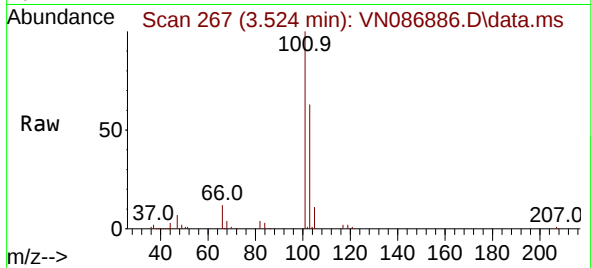
Tgt Ion: 64 Resp: 106047
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.673 ug/l
 RT: 3.524 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN086886.D
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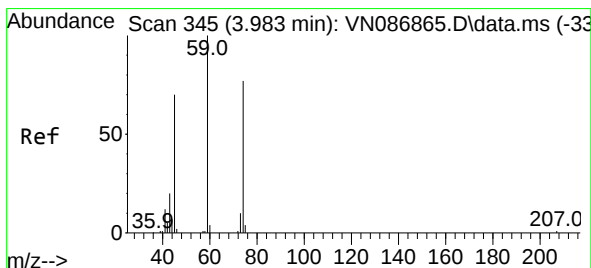
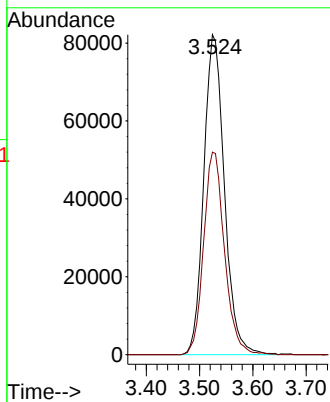
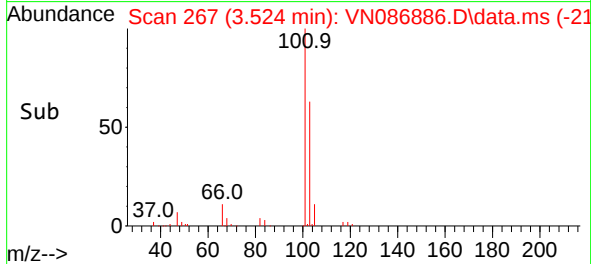
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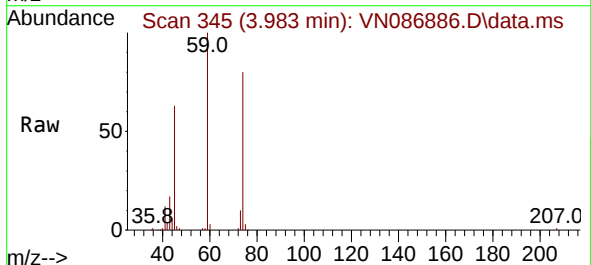
Tgt Ion:101 Resp: 221064
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.2

Manual Integrations
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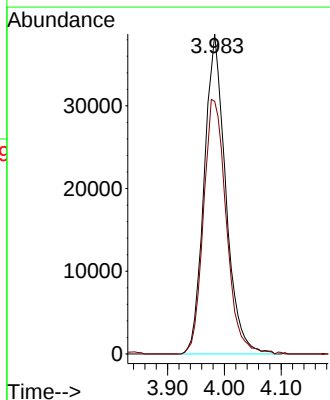
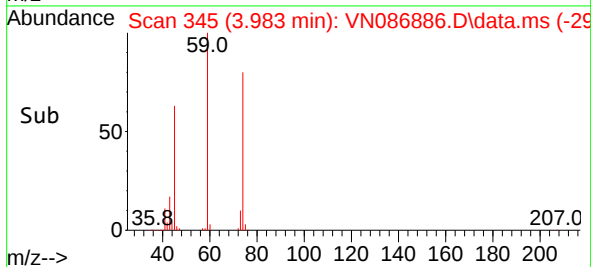
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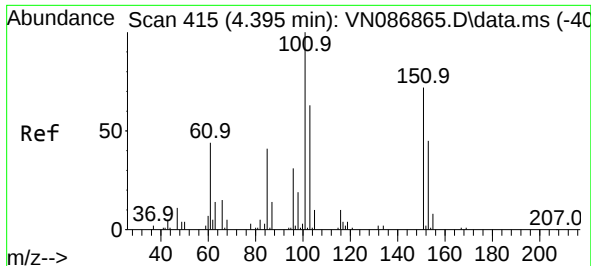


#8
 Diethyl Ether
 Concen: 51.299 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 101515
 Ion Ratio Lower Upper
 74 100
 45 84.3 45.5 136.5





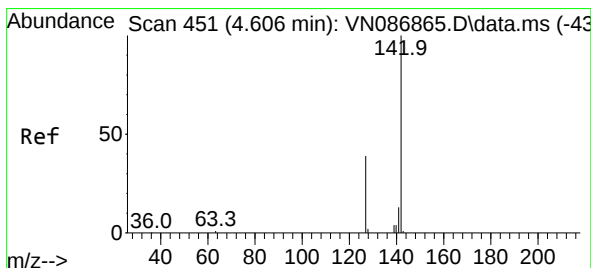
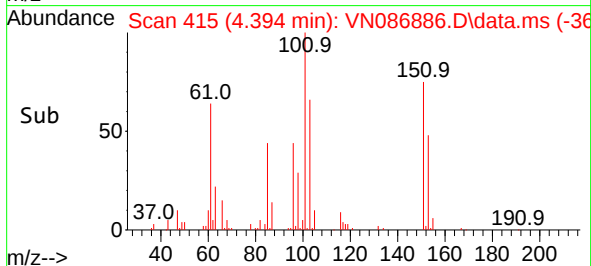
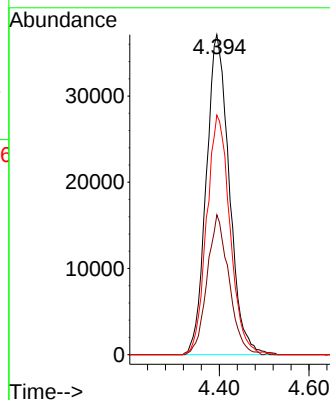
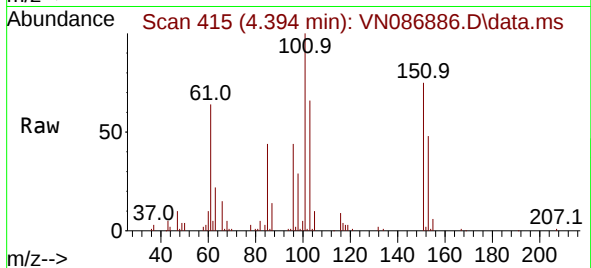
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.339 ug/l
RT: 4.394 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 132229
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.8
151 76.0 58.7 88.1

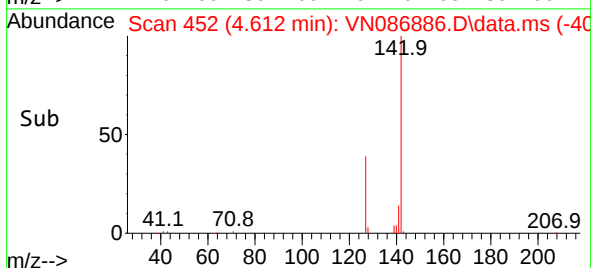
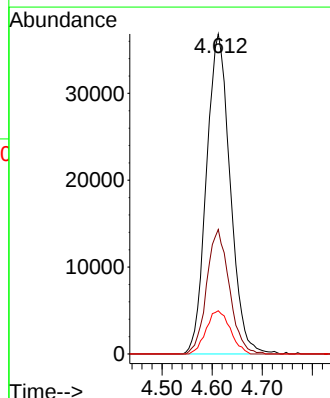
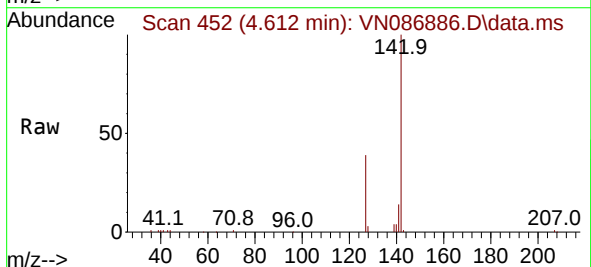
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#10
Methyl Iodide
Concen: 32.706 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

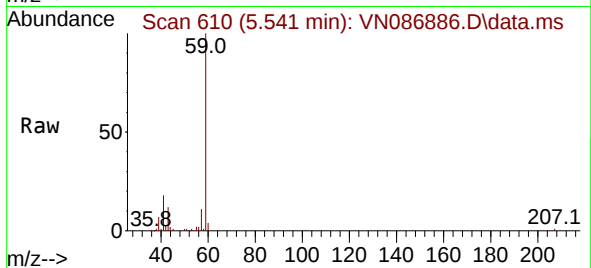
Tgt Ion:142 Resp: 120980
Ion Ratio Lower Upper
142 100
127 38.9 30.9 46.3
141 13.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 230.209 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

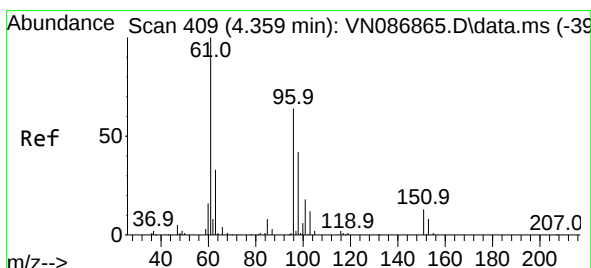
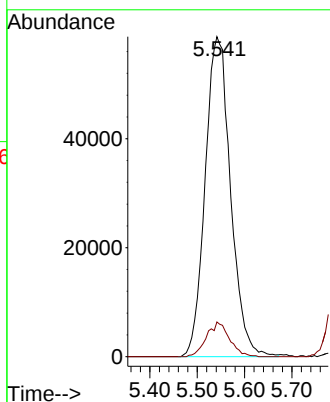
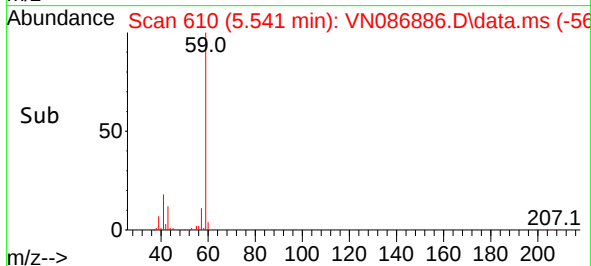
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 21889
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

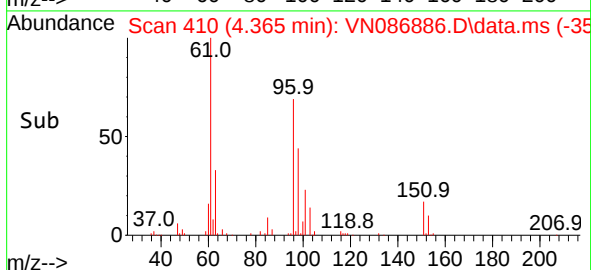
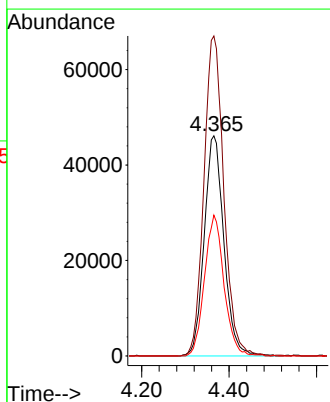
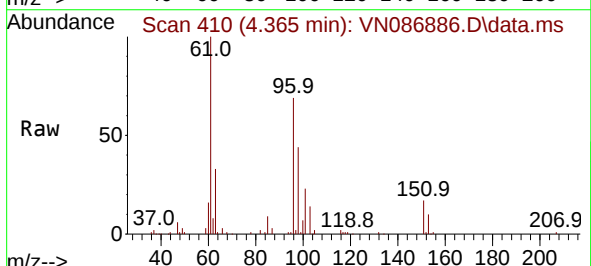
Manual Integrations
APPROVED

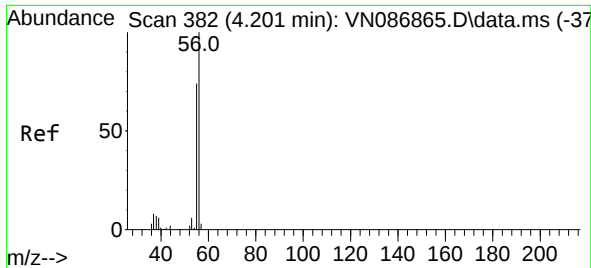
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#12
1,1-Dichloroethene
Concen: 49.539 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

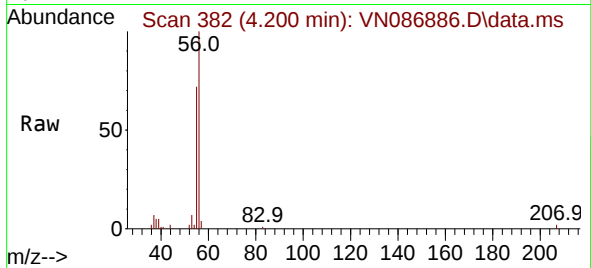
Tgt Ion: 96 Resp: 144316
Ion Ratio Lower Upper
96 100
61 145.3 125.8 188.6
98 63.9 52.5 78.7





#13
Acrolein
Concen: 260.110 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

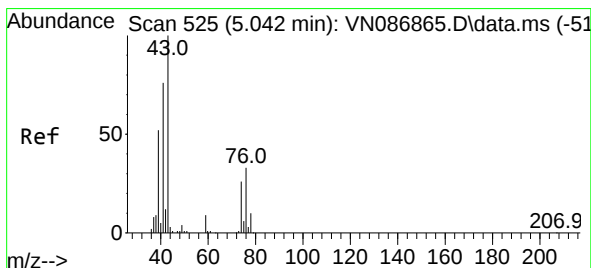
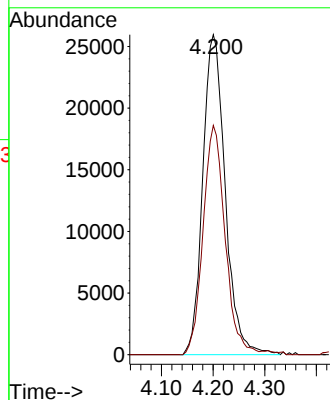
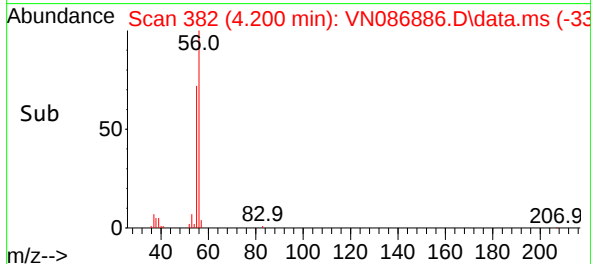
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



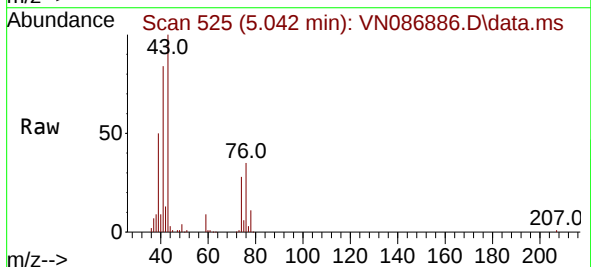
Tgt Ion: 56 Resp: 78289
Ion Ratio Lower Upper
56 100
55 70.3 55.6 83.4

Manual Integrations
APPROVED

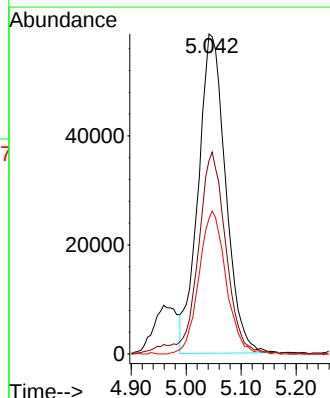
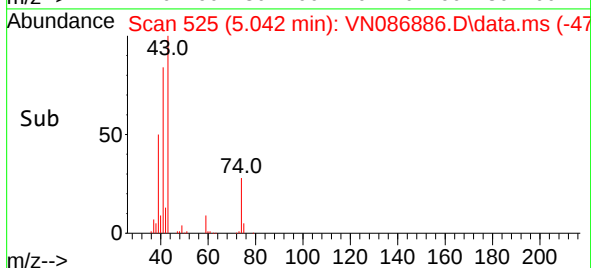
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

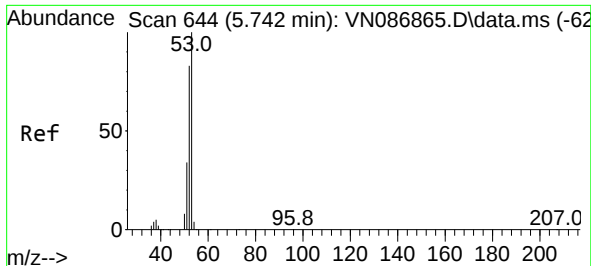


#14
Allyl chloride
Concen: 41.994 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



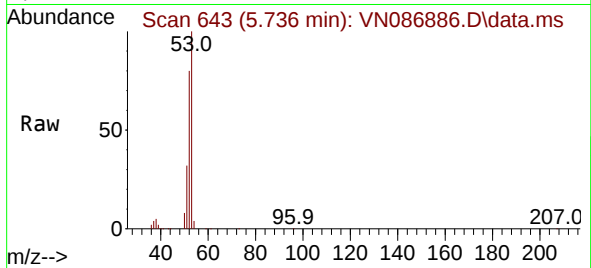
Tgt Ion: 41 Resp: 202887
Ion Ratio Lower Upper
41 100
39 65.0 51.3 76.9
76 44.2 31.4 47.0





#15
Acrylonitrile
Concen: 232.815 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

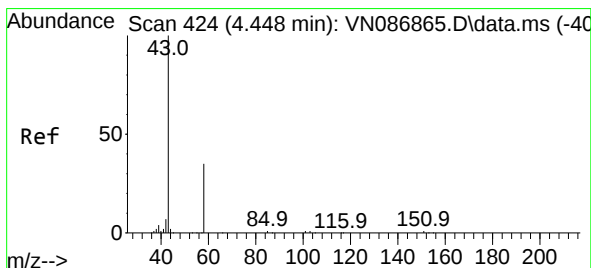
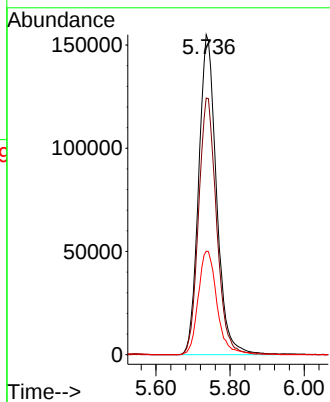
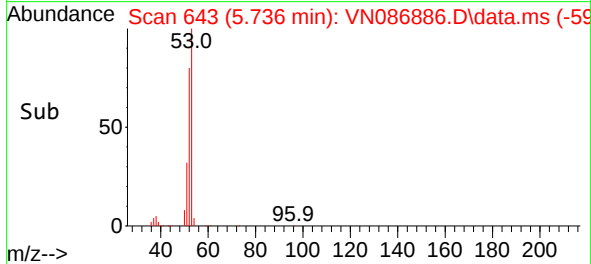
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 517438
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.6
51 34.1 27.2 40.8

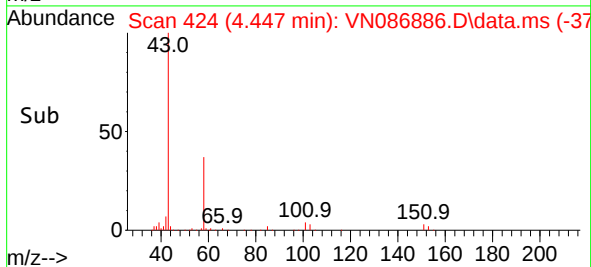
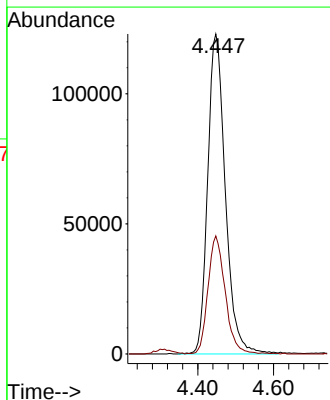
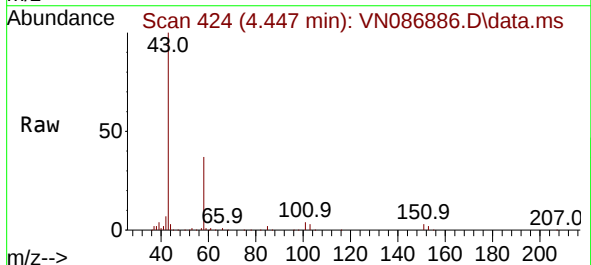
Manual Integrations
APPROVED

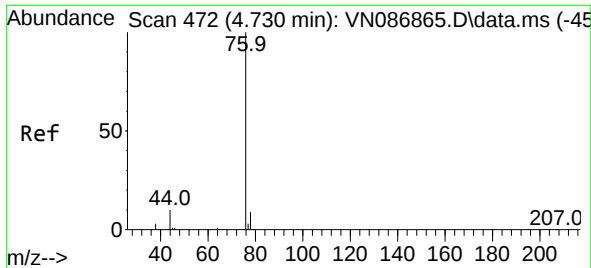
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 213.549 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

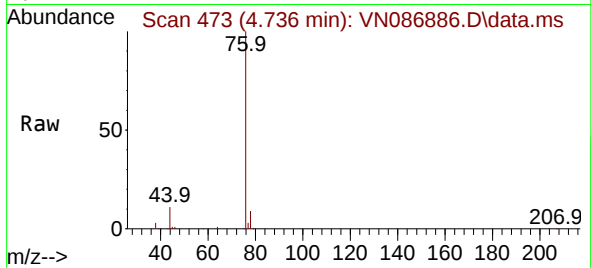
Tgt Ion: 43 Resp: 396856
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0





#17
Carbon Disulfide
Concen: 44.831 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

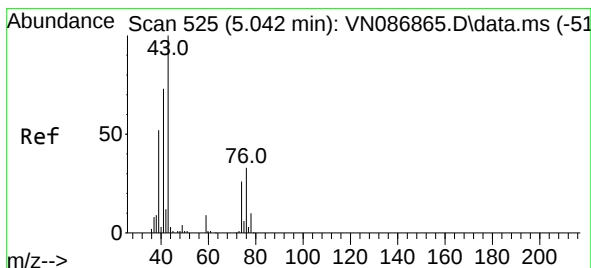
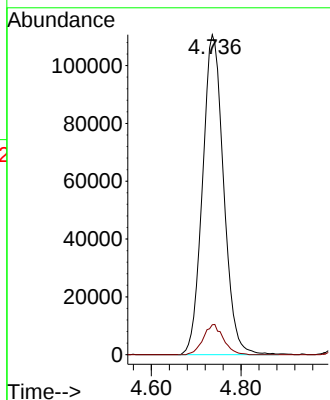
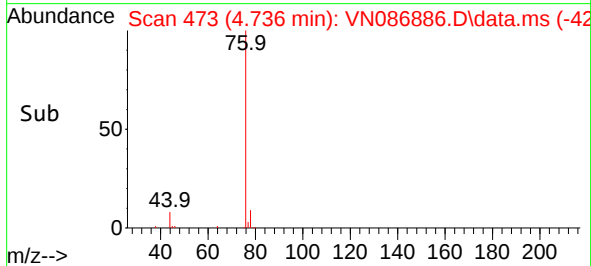
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



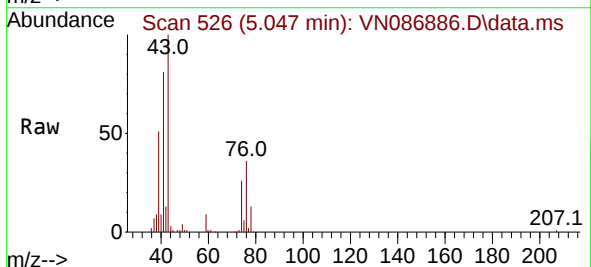
Tgt Ion: 76 Resp: 361259
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

Manual Integrations
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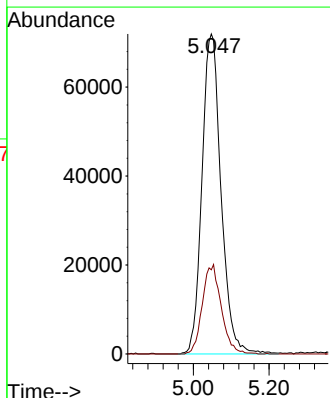
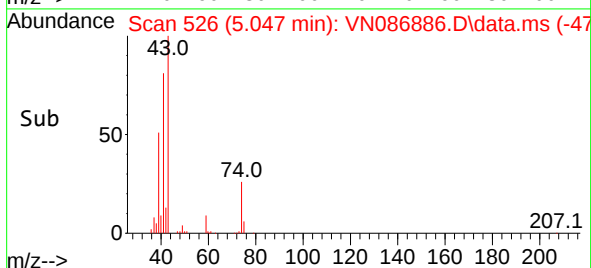
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

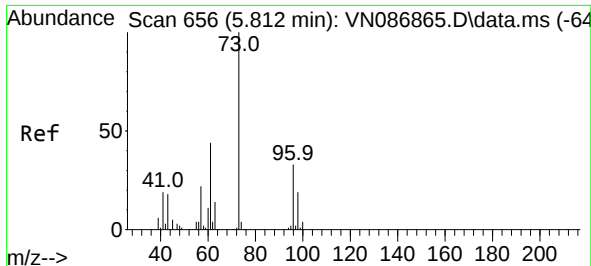


#18
Methyl Acetate
Concen: 46.426 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



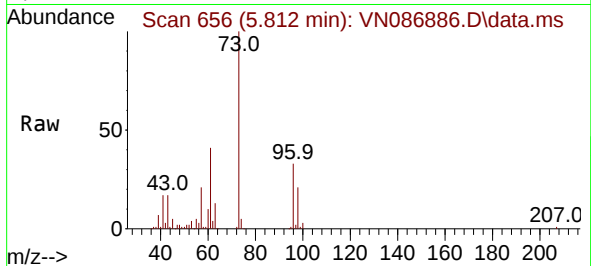
Tgt Ion: 43 Resp: 251426
Ion Ratio Lower Upper
43 100
74 27.7 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 49.787 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

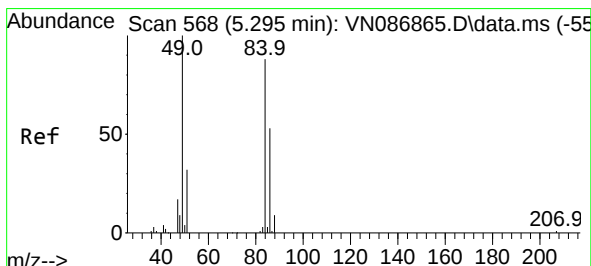
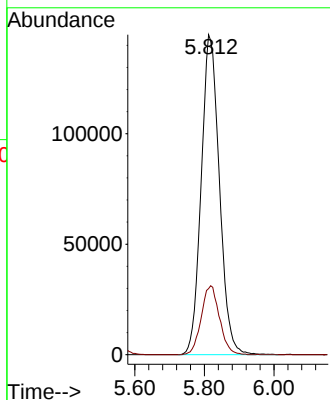
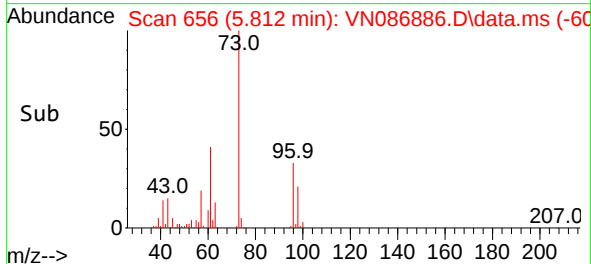
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



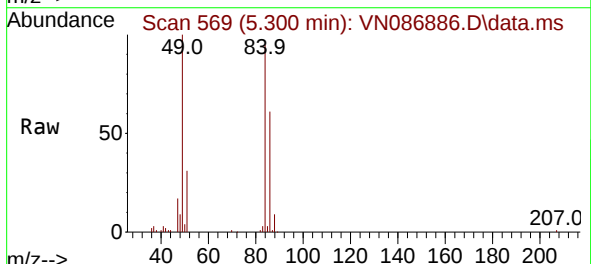
Tgt Ion: 73 Resp: 52515
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2

Manual Integrations
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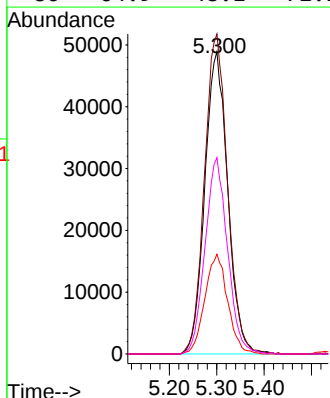
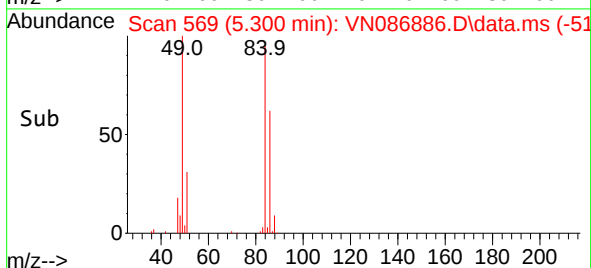
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

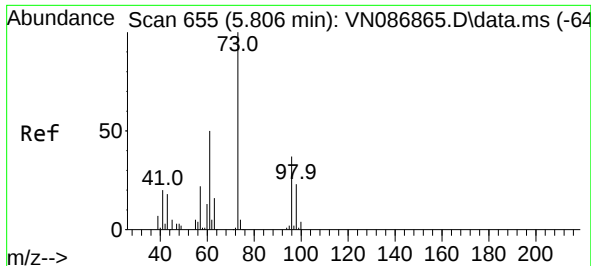


#20
Methylene Chloride
Concen: 47.328 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



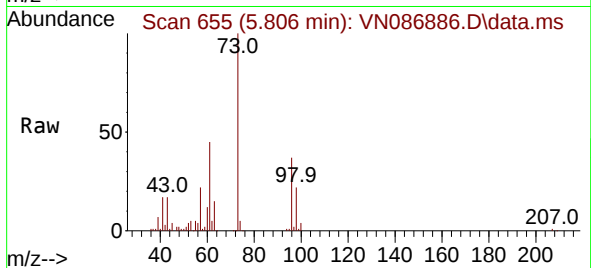
Tgt Ion: 84 Resp: 164665
Ion Ratio Lower Upper
84 100
49 105.8 90.5 135.7
51 33.0 28.5 42.7
86 64.9 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 47.441 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

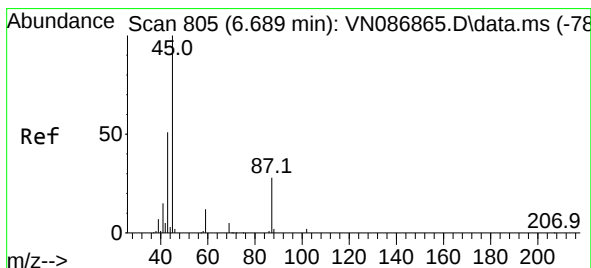
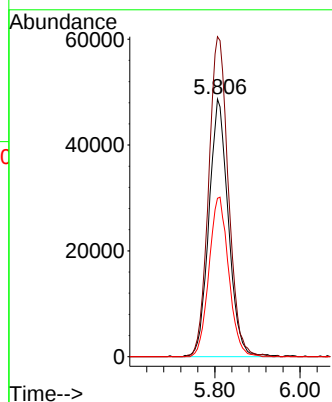
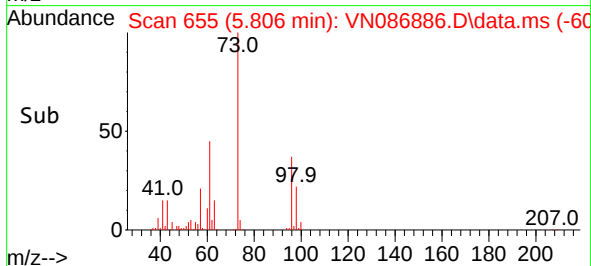
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15376
Ion Ratio Lower Upper
96 100
61 124.2 109.2 163.8
98 61.5 49.8 74.8

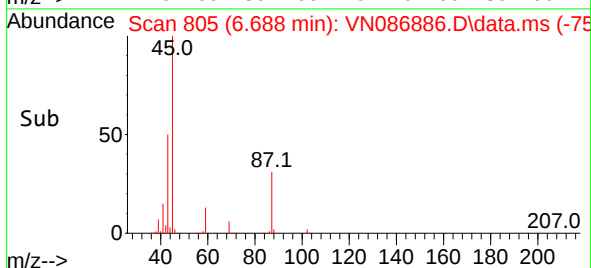
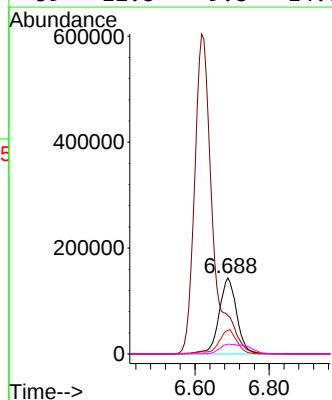
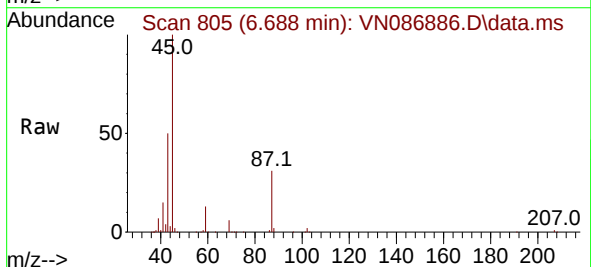
Manual Integrations
APPROVED

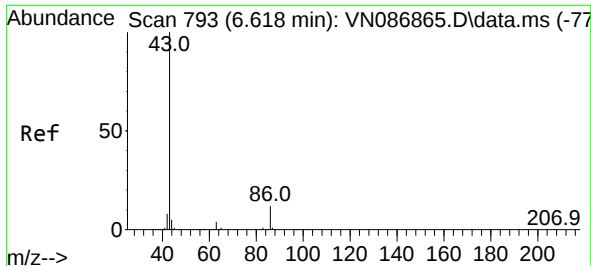
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#22
Diisopropyl ether
Concen: 46.502 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

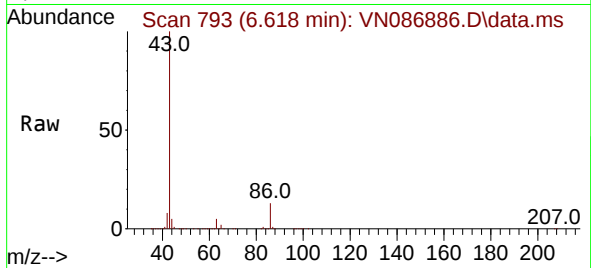
Tgt Ion: 45 Resp: 473587
Ion Ratio Lower Upper
45 100
43 49.9 41.9 62.9
87 30.9 22.4 33.6
59 12.8 9.8 14.6





#23
 Vinyl Acetate
 Concen: 235.497 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

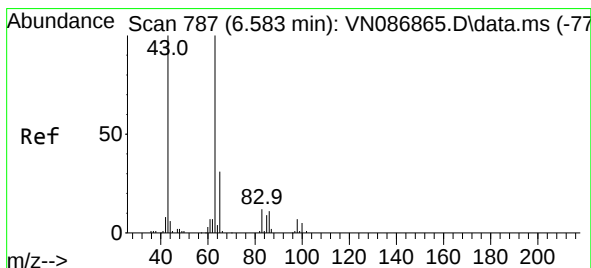
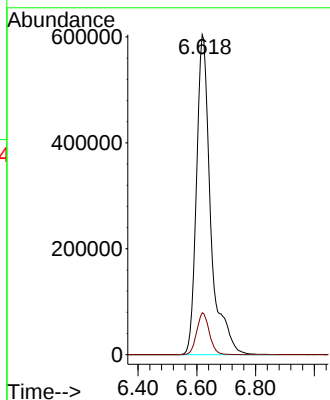
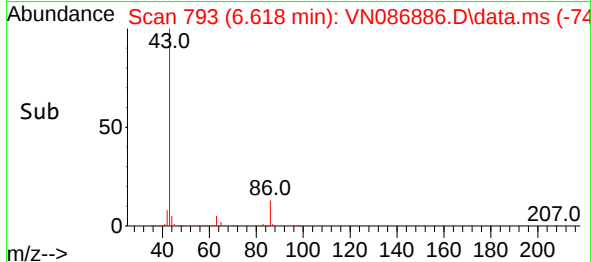
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2026320
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.5 14.3

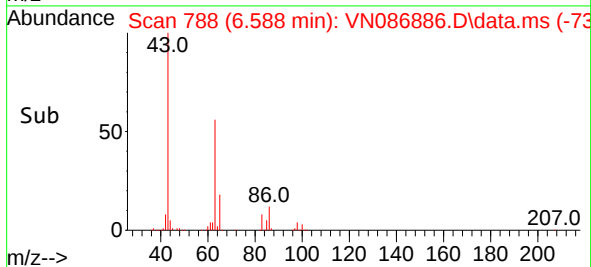
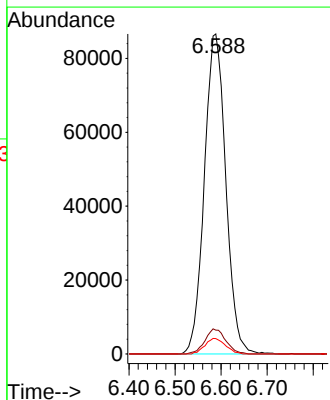
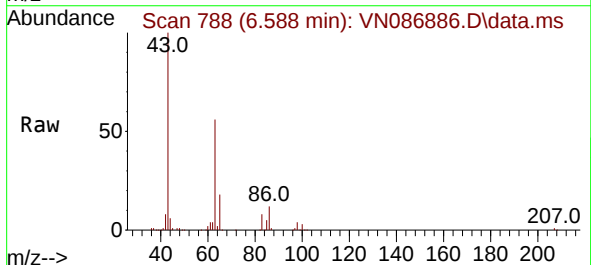
Manual Integrations
 APPROVED

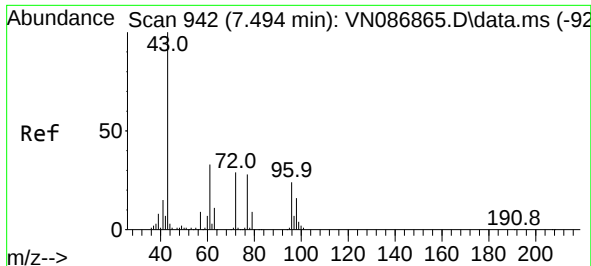
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#24
 1,1-Dichloroethane
 Concen: 47.884 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

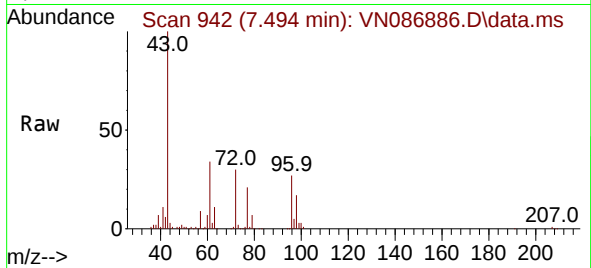
Tgt Ion: 63 Resp: 280638
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 222.321 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

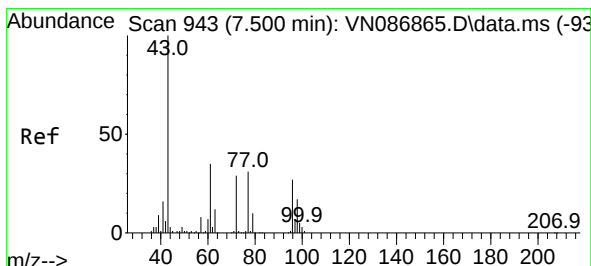
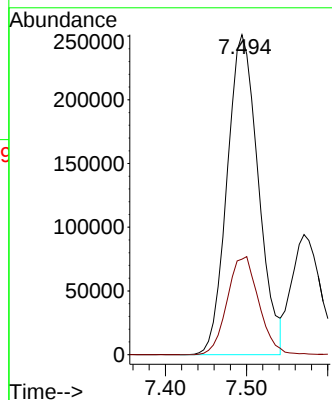
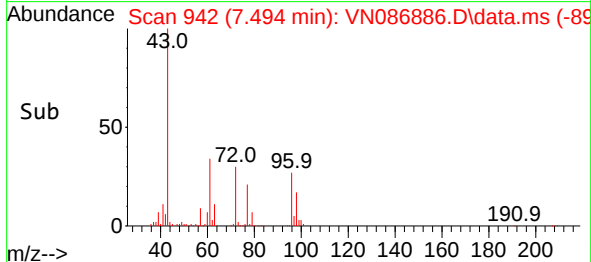
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



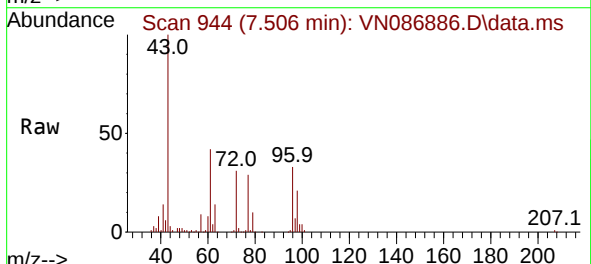
Tgt Ion: 43 Resp: 67157
Ion Ratio Lower Upper
43 100
72 29.9 23.0 34.6

Manual Integrations
APPROVED

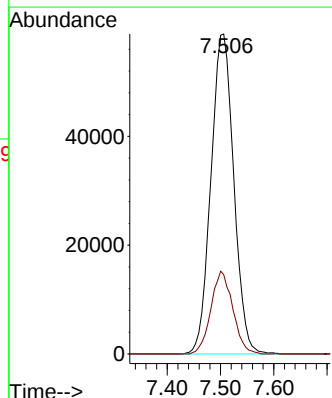
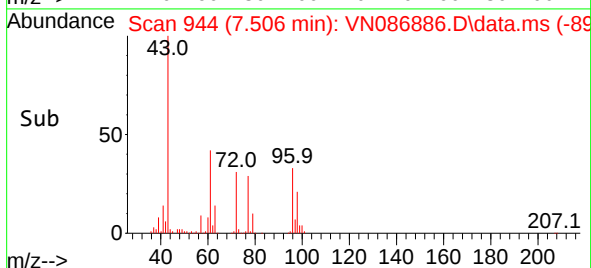
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

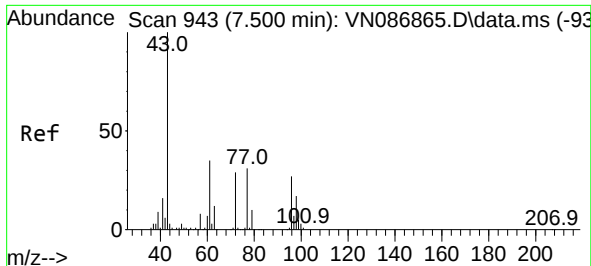


#26
2,2-Dichloropropane
Concen: 38.376 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



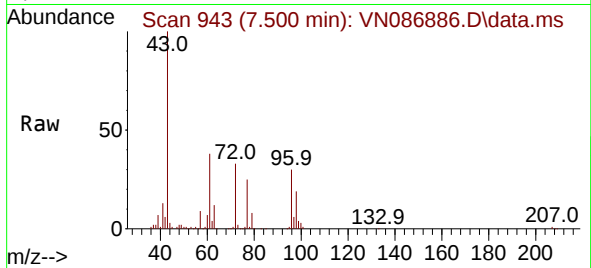
Tgt Ion: 77 Resp: 174955
Ion Ratio Lower Upper
77 100
97 24.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.337 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

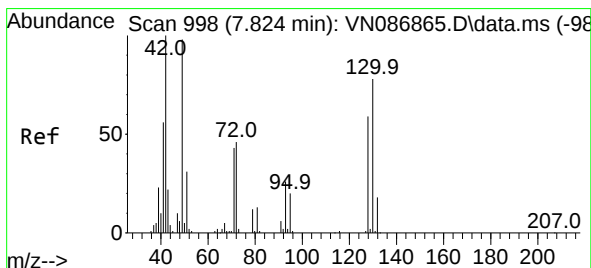
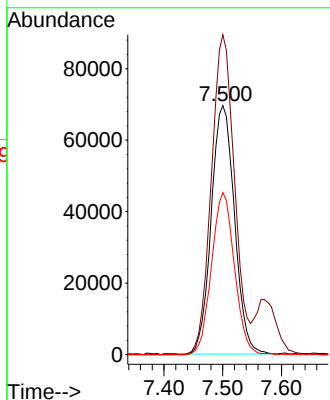
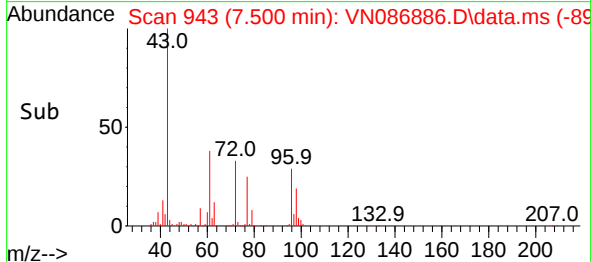
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 19124
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 278.0
 98 64.2 0.0 128.2

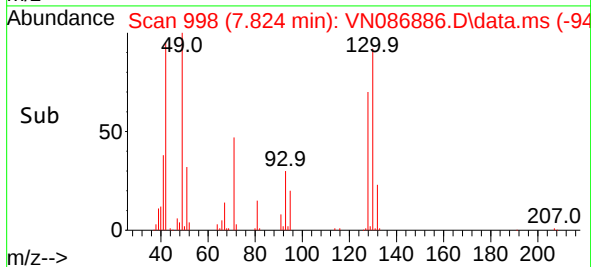
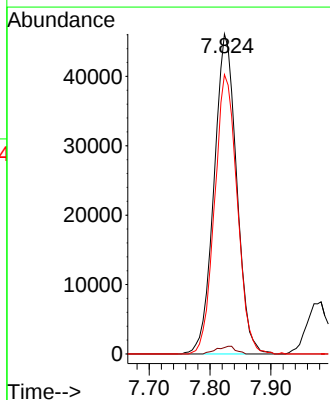
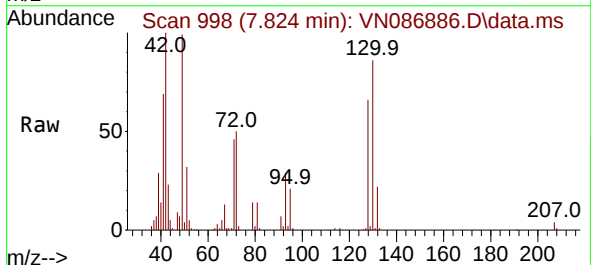
Manual Integrations
 APPROVED

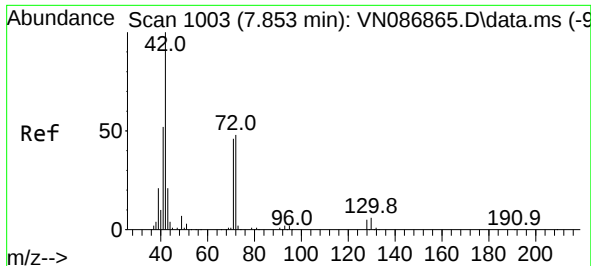
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#28
 Bromochloromethane
 Concen: 41.235 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

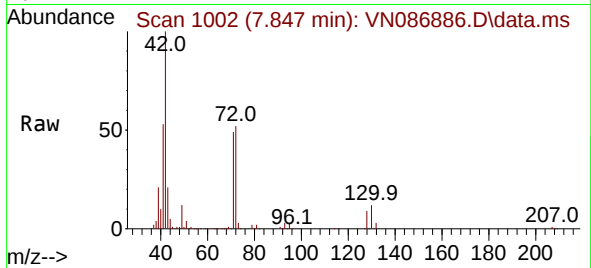
Tgt Ion: 49 Resp: 118823
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 87.2 62.2 93.2





#29
Tetrahydrofuran
Concen: 220.275 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

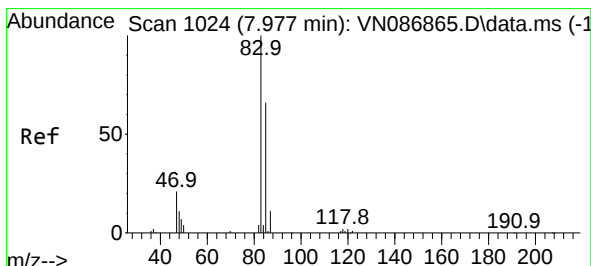
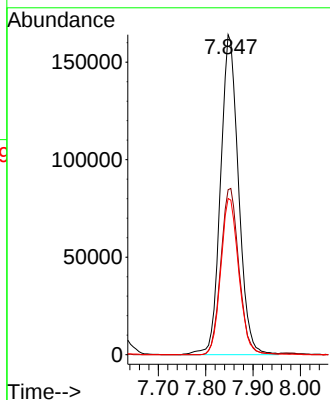
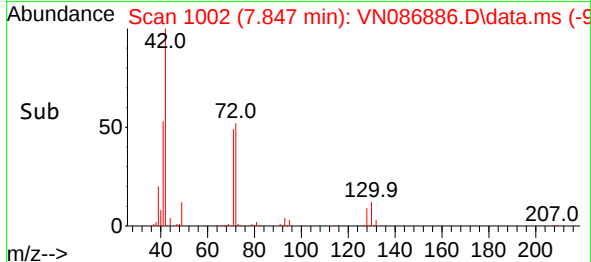
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 433459
Ion Ratio Lower Upper
42 100
72 52.2 37.8 56.6
71 48.8 35.6 53.4

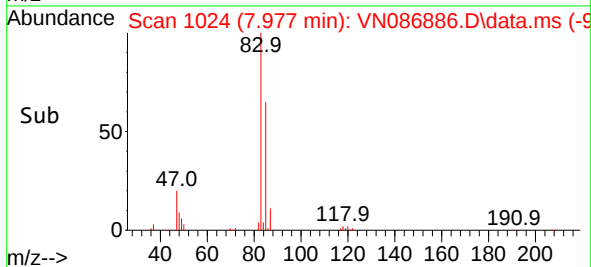
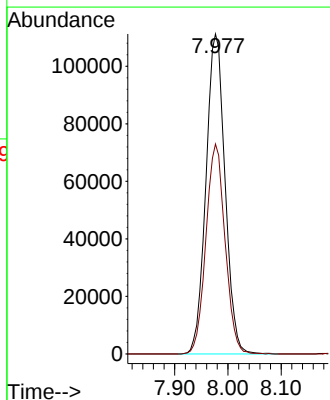
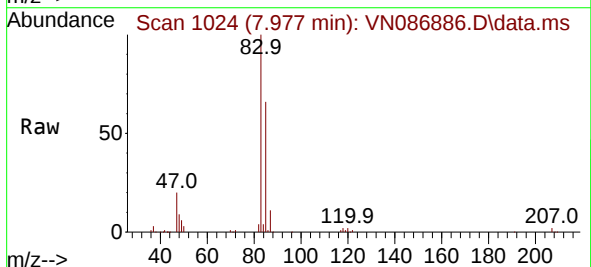
Manual Integrations
APPROVED

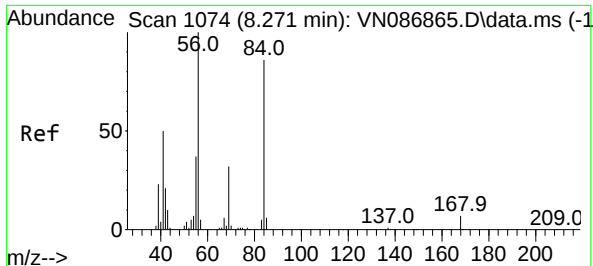
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#30
Chloroform
Concen: 47.216 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

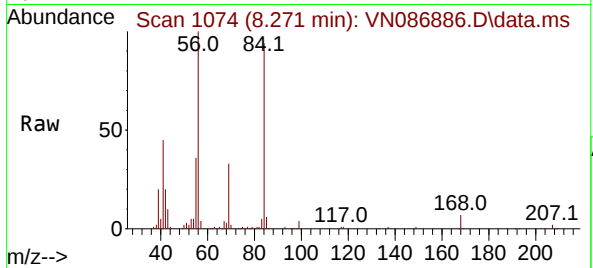
Tgt Ion: 83 Resp: 276347
Ion Ratio Lower Upper
83 100
85 65.6 52.9 79.3





#31
Cyclohexane
Concen: 39.634 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

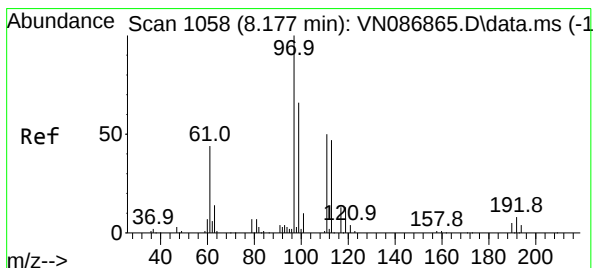
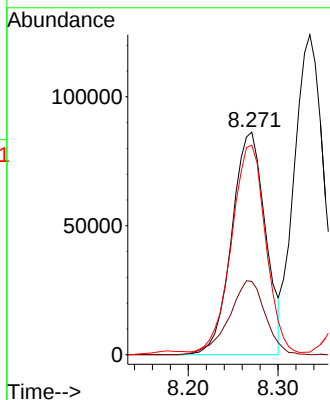
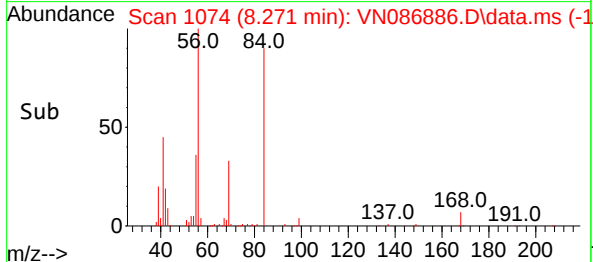
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



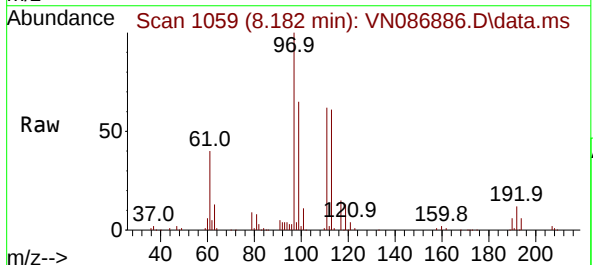
Tgt Ion: 56 Resp: 225270
Ion Ratio Lower Upper
56 100
69 32.9 25.4 38.0
84 92.7 68.8 103.2

Manual Integrations
APPROVED

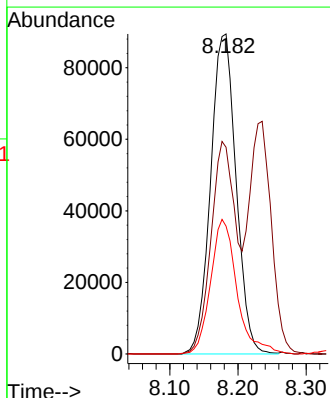
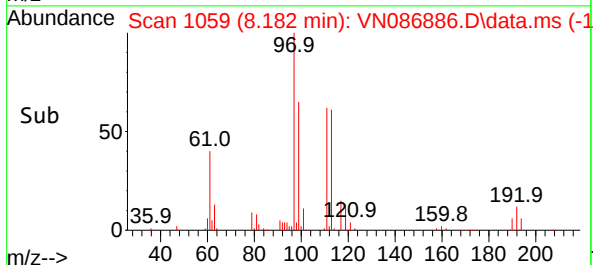
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

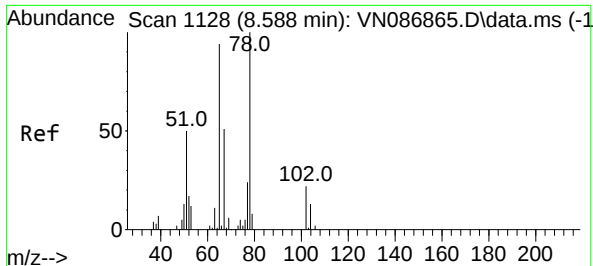


#32
1,1,1-Trichloroethane
Concen: 46.763 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



Tgt Ion: 97 Resp: 232790
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 43.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.877 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16427

Ion Ratio Lower Upper

65 100

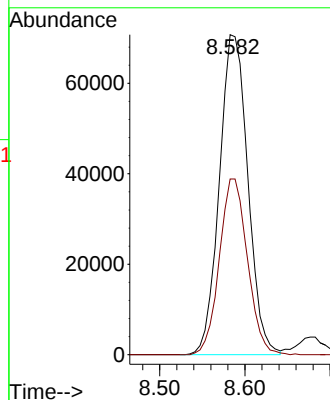
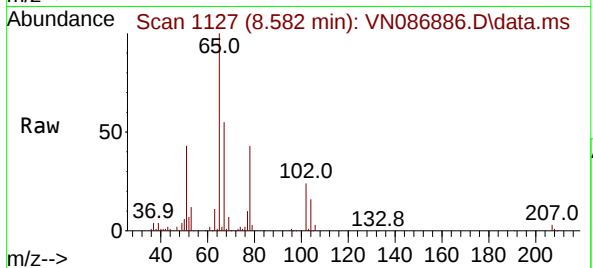
67 54.2 0.0 105.6

Manual Integrations

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Reviewed By :John

Carlone

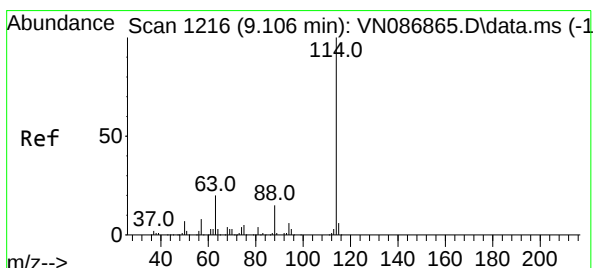
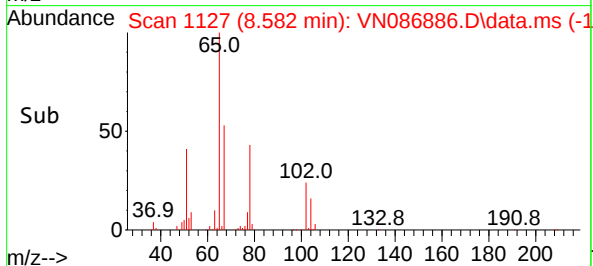


06/09/2025

Supervised By :Mahesh

Dadoda

06/09/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

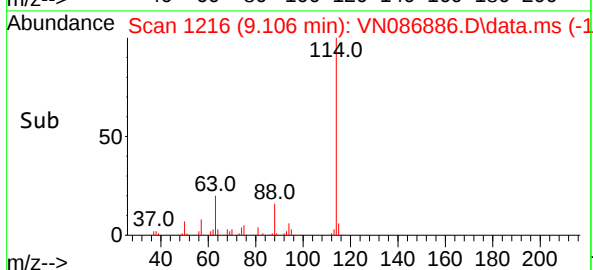
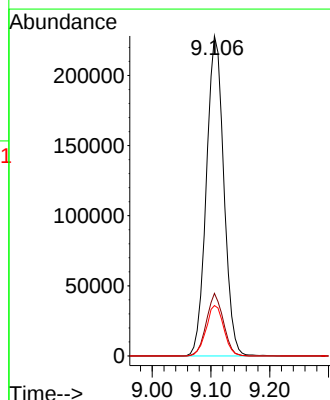
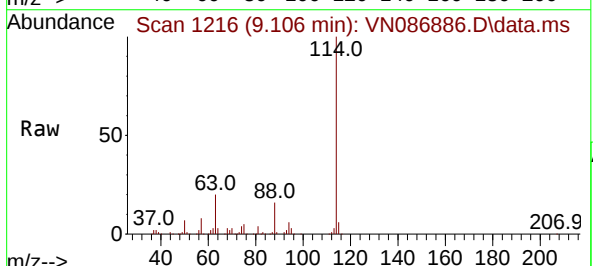
Tgt Ion:114 Resp: 470194

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.518 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 143554

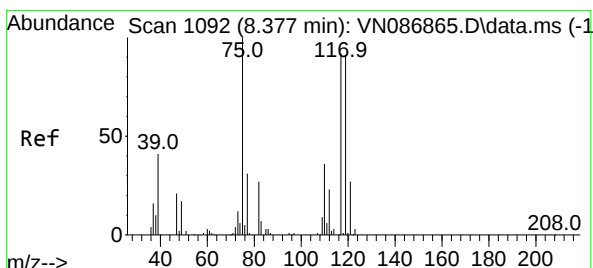
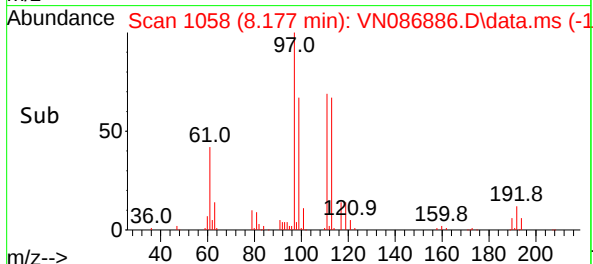
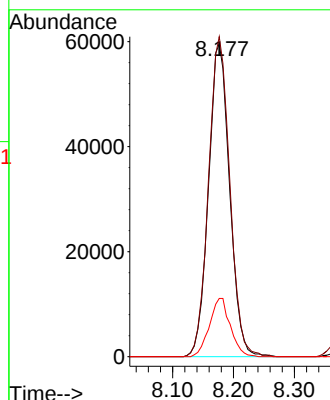
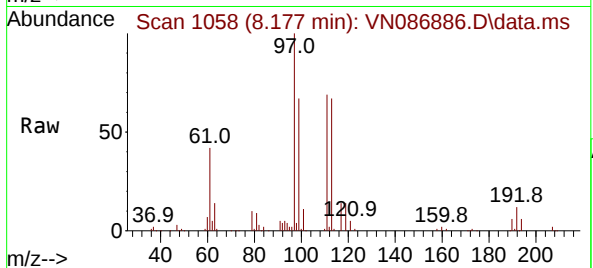
Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.2	126.2
192	18.4	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#36

1,1-Dichloropropene

Concen: 47.561 ug/l

RT: 8.382 min Scan# 1093

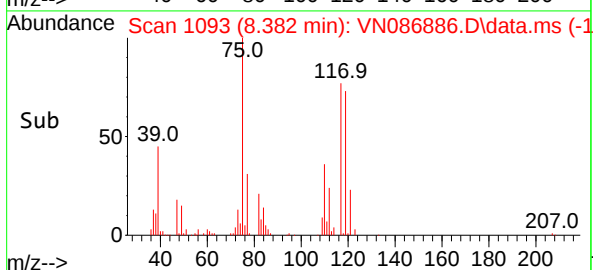
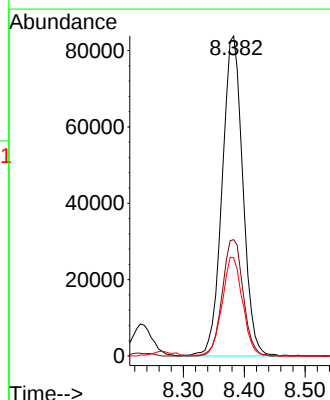
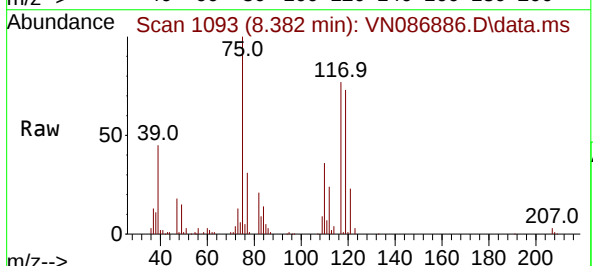
Delta R.T. 0.006 min

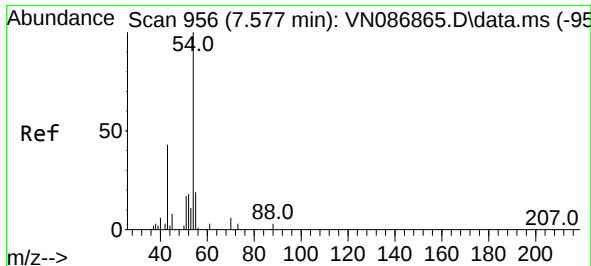
Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Tgt Ion: 75 Resp: 197479

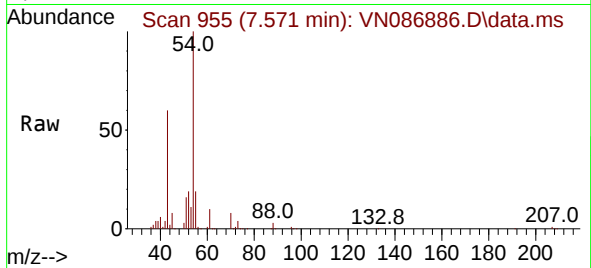
Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.6	52.9
77	30.8	25.3	37.9





#37
Ethyl Acetate
Concen: 46.124 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

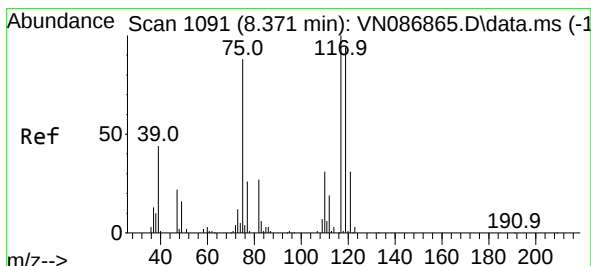
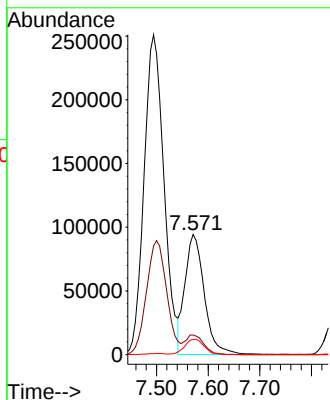
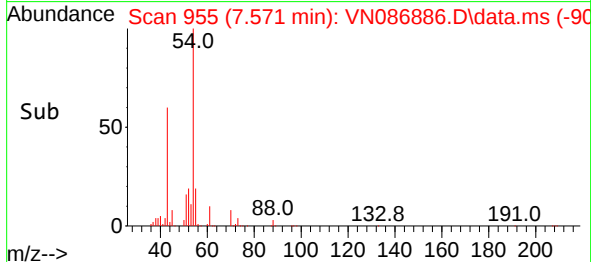
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 243794
Ion Ratio Lower Upper
43 100
61 15.9 12.1 18.1
70 13.1 9.8 14.6

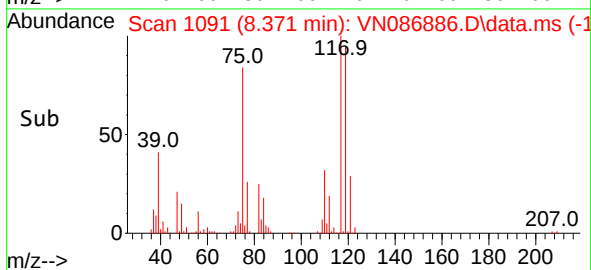
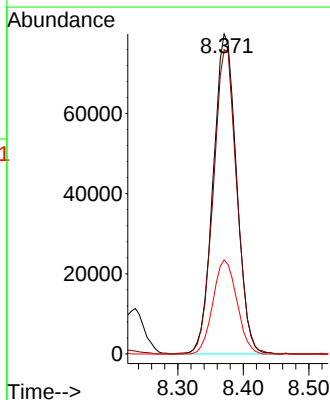
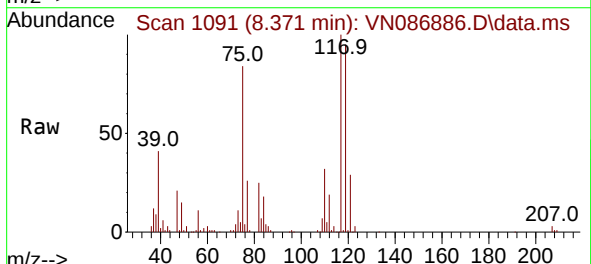
Manual Integrations
APPROVED

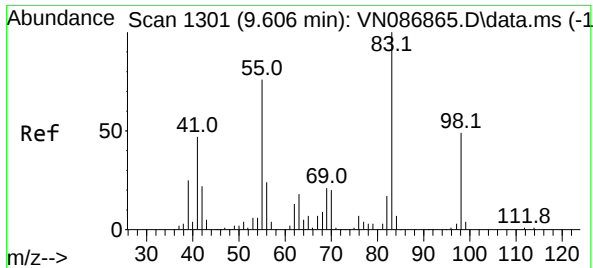
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#38
Carbon Tetrachloride
Concen: 48.369 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Tgt Ion:117 Resp: 197173
Ion Ratio Lower Upper
117 100
119 95.1 75.0 112.6
121 29.4 24.9 37.3





#39

Methylcyclohexane

Concen: 40.426 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22996

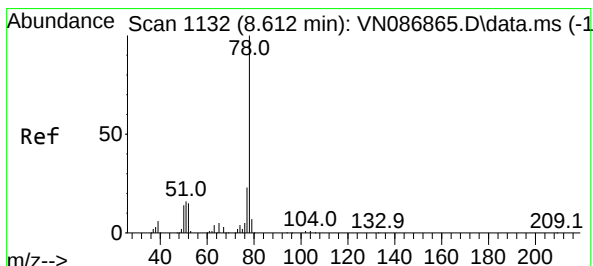
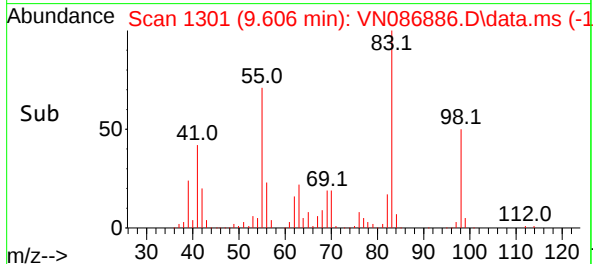
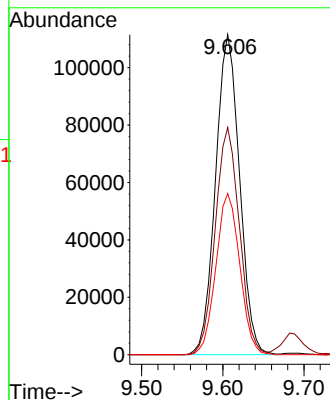
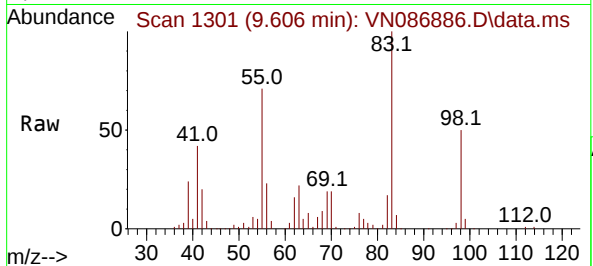
Ion	Ratio	Lower	Upper
83	100		
55	71.0	61.0	91.6
98	50.4	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#40

Benzene

Concen: 48.225 ug/l

RT: 8.612 min Scan# 1132

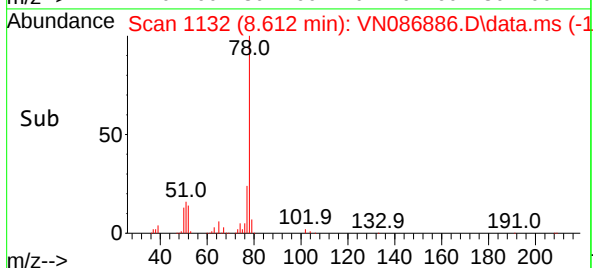
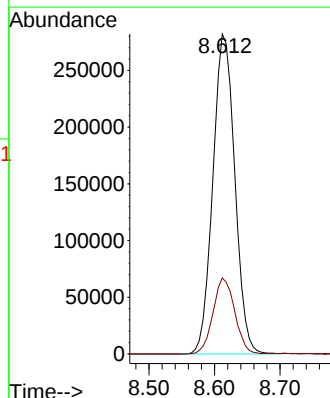
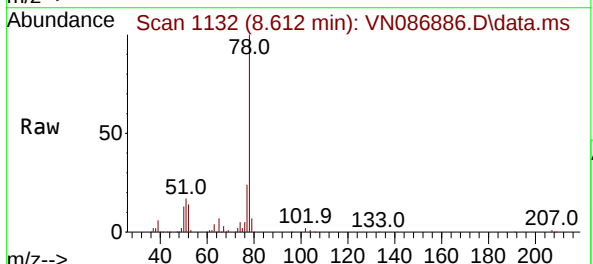
Delta R.T. -0.000 min

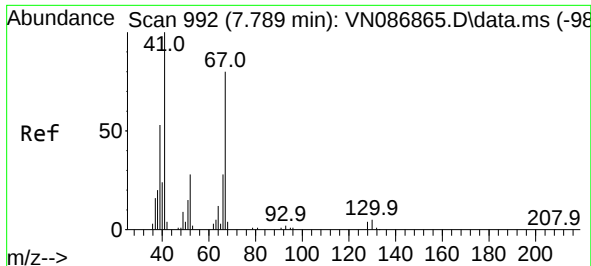
Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Tgt Ion: 78 Resp: 654782

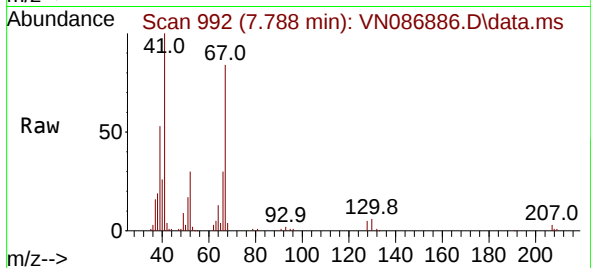
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





#41
Methacrylonitrile
Concen: 45.632 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

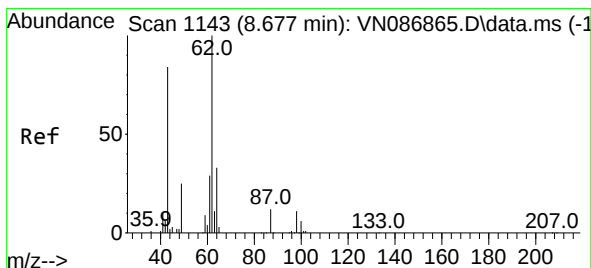
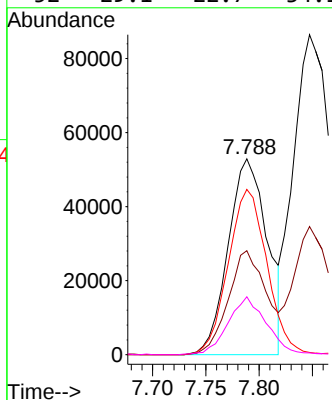
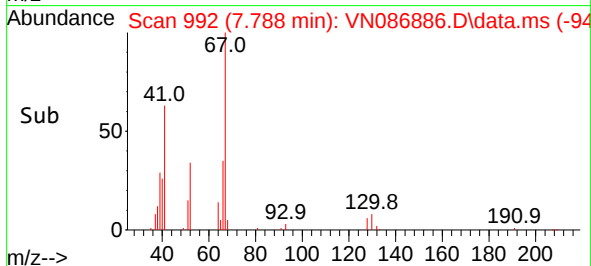
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 13545
Ion Ratio Lower Upper
41 100
39 51.7 41.2 61.8
67 83.9 61.4 92.2
52 29.1 22.7 34.1

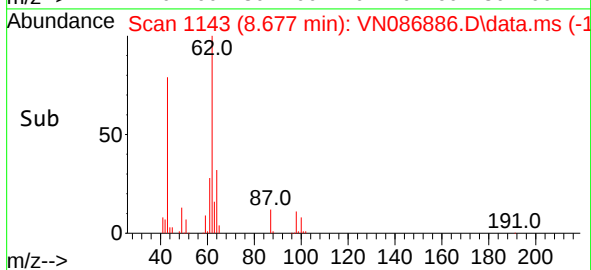
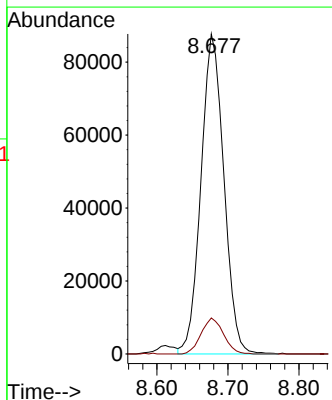
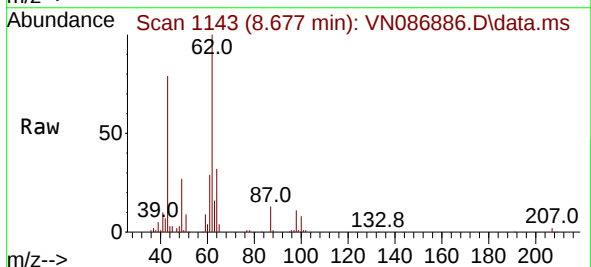
Manual Integrations
APPROVED

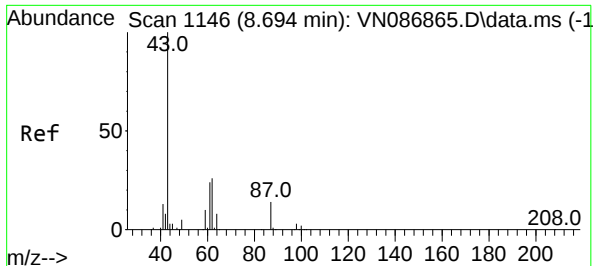
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 47.745 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

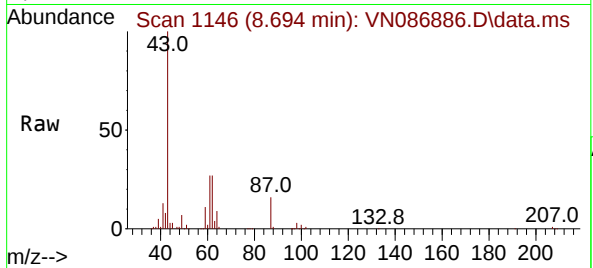
Tgt Ion: 62 Resp: 196625
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.2





#43
Isopropyl Acetate
Concen: 46.040 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

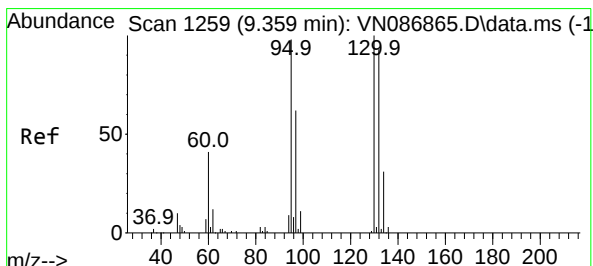
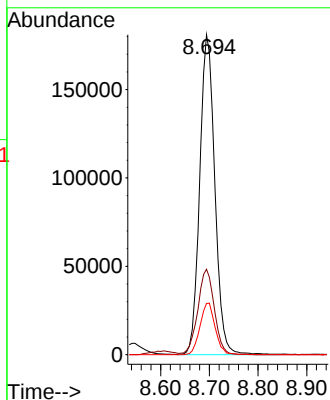
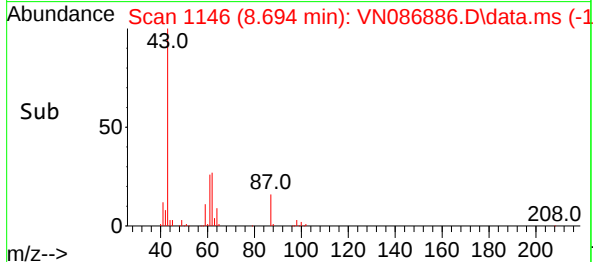
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 390586
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 16.2 11.8 17.6

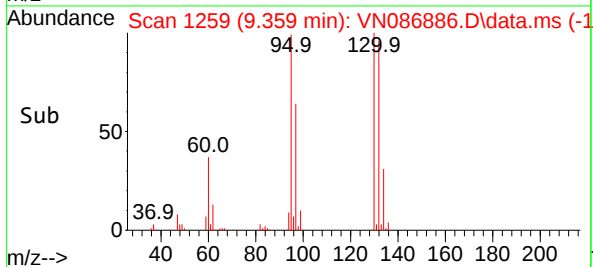
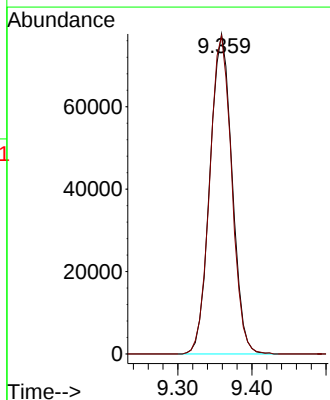
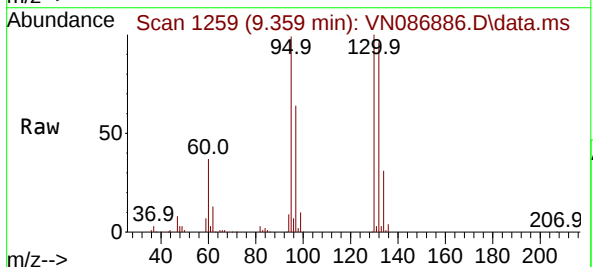
Manual Integrations
APPROVED

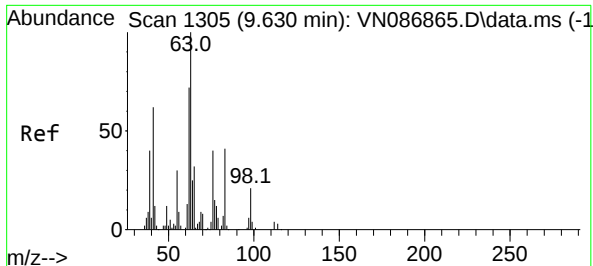
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 50.096 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Tgt Ion:130 Resp: 161285
Ion Ratio Lower Upper
130 100
95 99.5 0.0 196.2





#45

1,2-Dichloropropane

Concen: 47.719 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15762

Ion Ratio Lower Upper

63 100

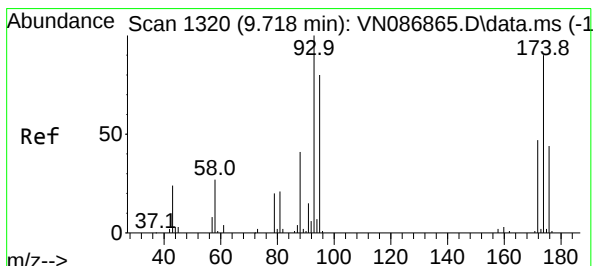
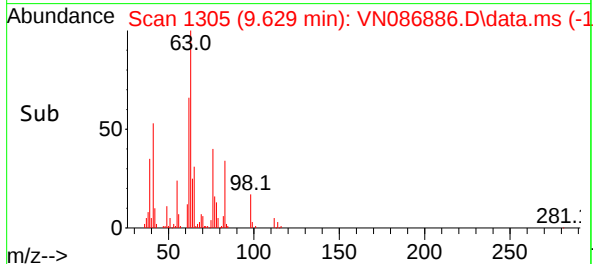
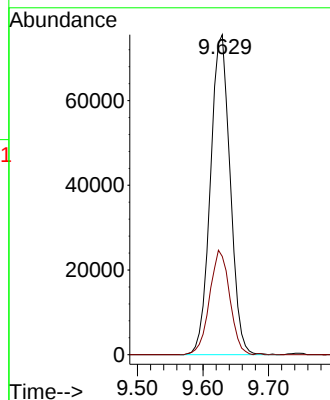
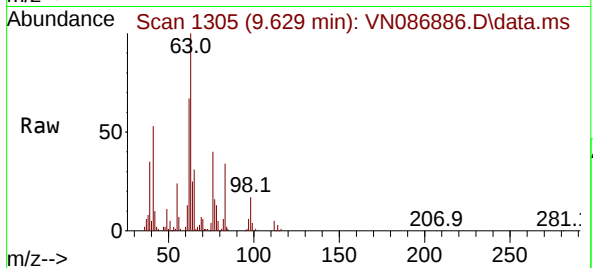
65 30.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#46

Dibromomethane

Concen: 50.163 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

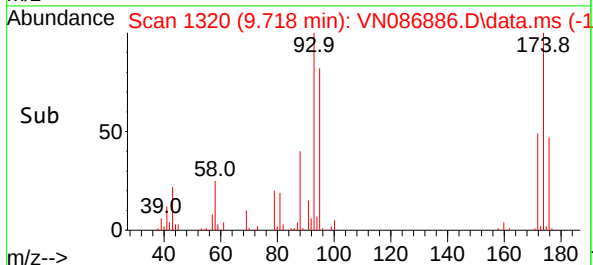
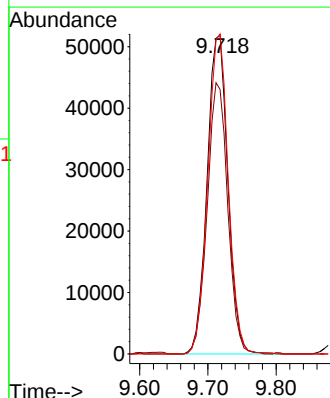
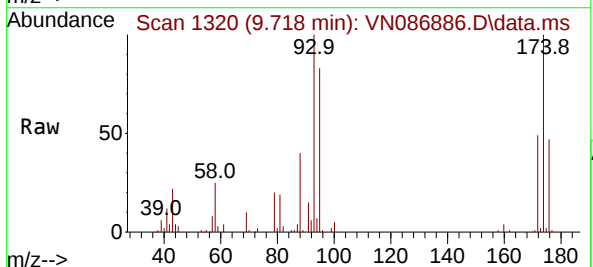
Tgt Ion: 93 Resp: 110060

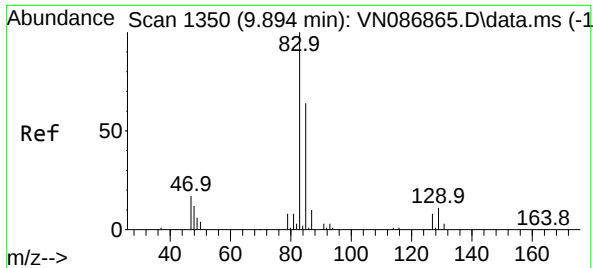
Ion Ratio Lower Upper

93 100

95 84.2 67.1 100.7

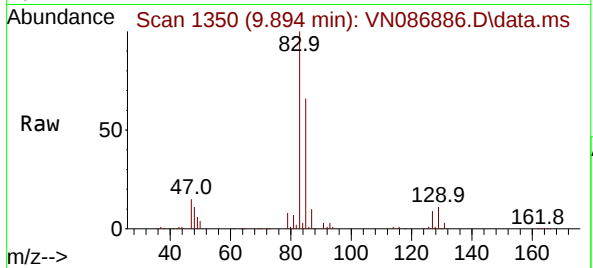
174 99.1 74.2 111.4





#47
Bromodichloromethane
Concen: 49.201 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

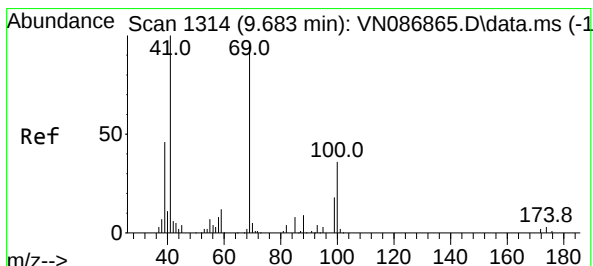
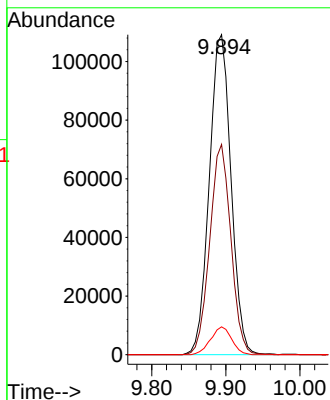
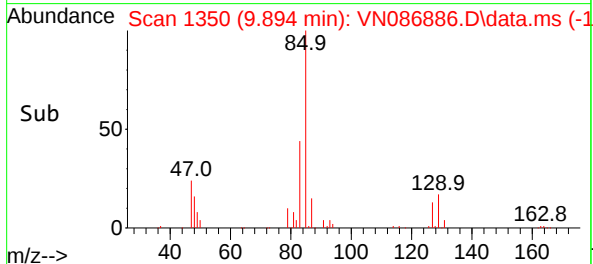
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



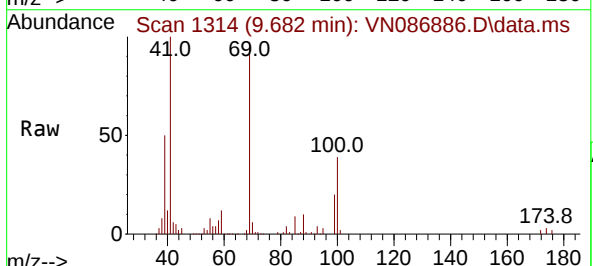
Tgt Ion: 83 Resp: 222100
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3
127 8.7 6.6 10.0

Manual Integrations
APPROVED

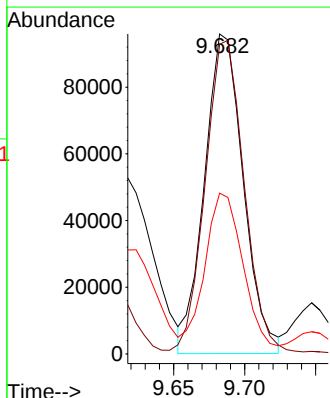
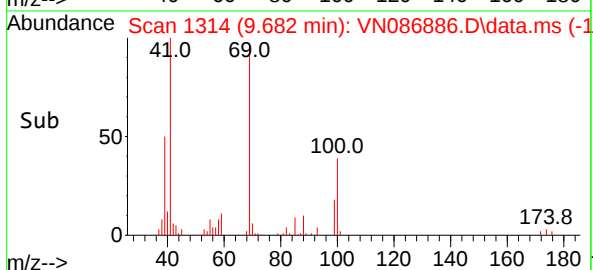
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

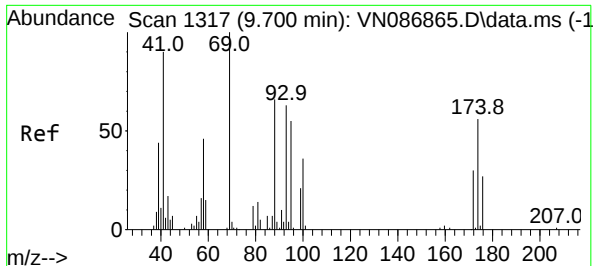


#48
Methyl methacrylate
Concen: 46.678 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



Tgt Ion: 41 Resp: 182261
Ion Ratio Lower Upper
41 100
69 99.2 74.6 112.0
39 50.5 40.2 60.4





#49

1,4-Dioxane

Concen: 1046.645 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

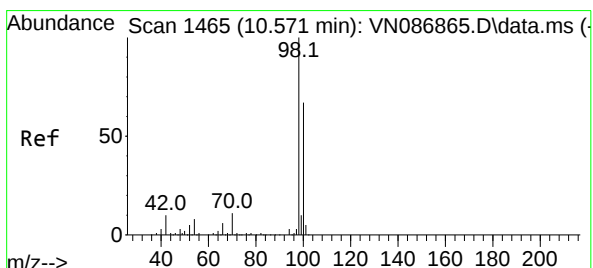
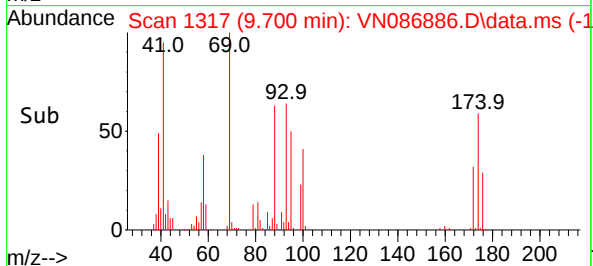
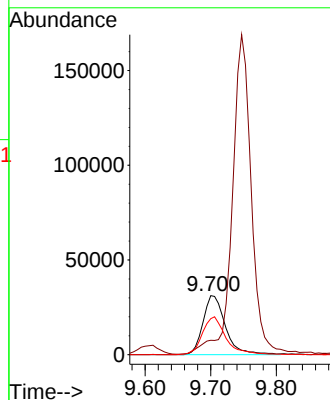
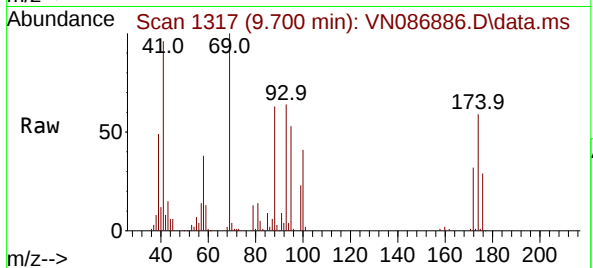
Tgt Ion: 88 Resp: 74348
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 67.4 57.7 86.5

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#50

Toluene-d8

Concen: 49.300 ug/l

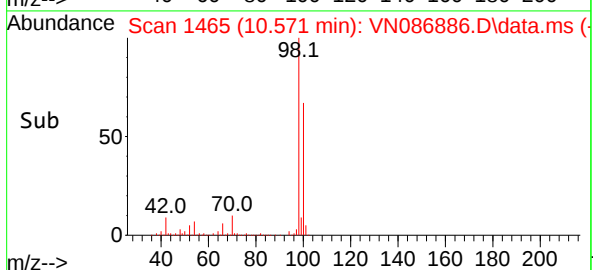
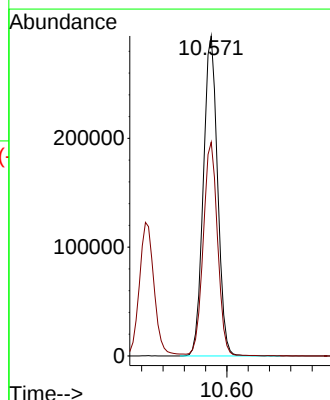
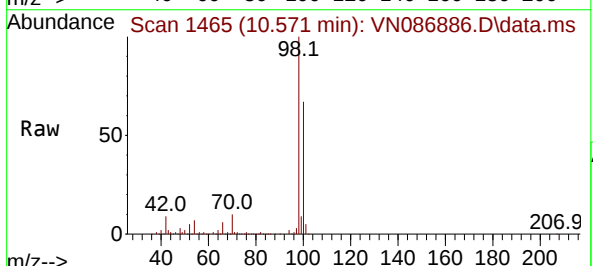
RT: 10.571 min Scan# 1465

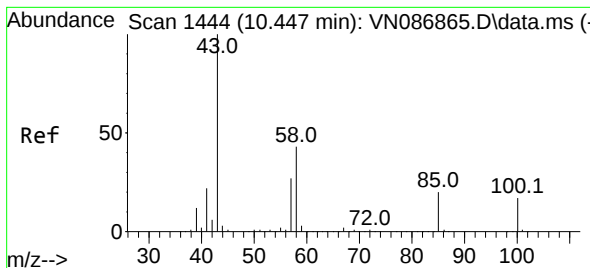
Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

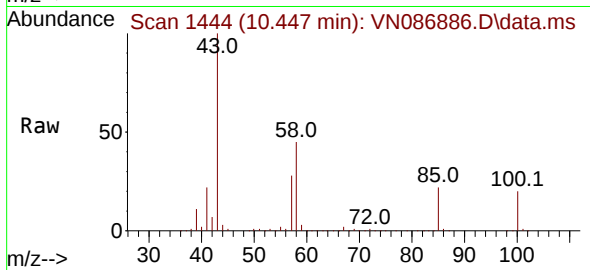
Tgt Ion: 98 Resp: 543822
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 237.445 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

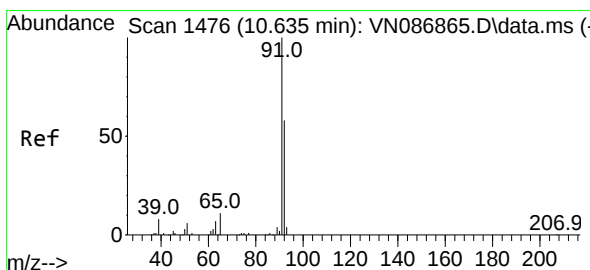
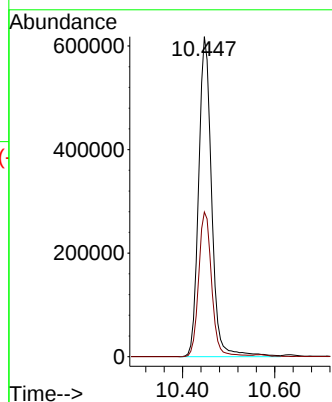
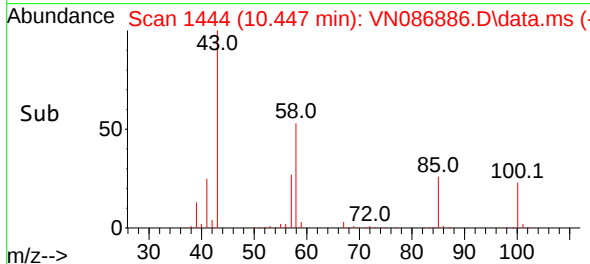
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



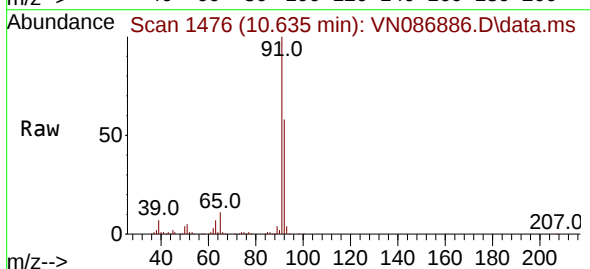
Tgt Ion: 43 Resp: 121266
Ion Ratio Lower Upper
43 100
58 45.3 34.2 51.4

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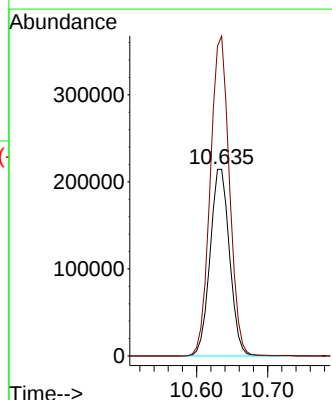
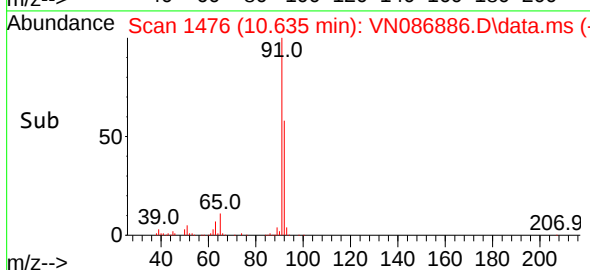
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

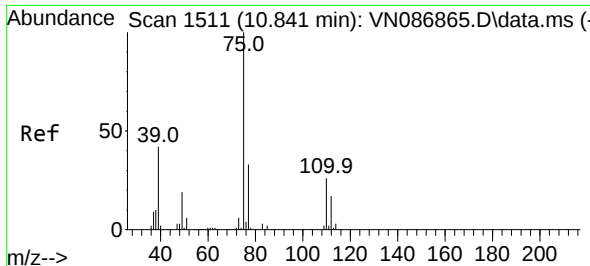


#52
Toluene
Concen: 49.161 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



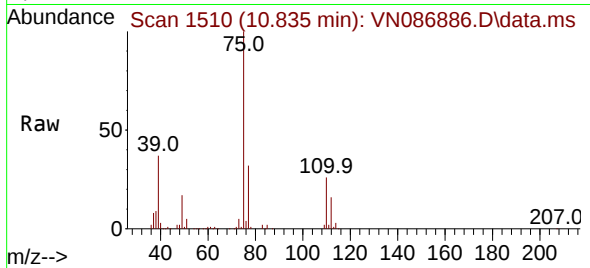
Tgt Ion: 92 Resp: 407924
Ion Ratio Lower Upper
92 100
91 168.5 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 48.257 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

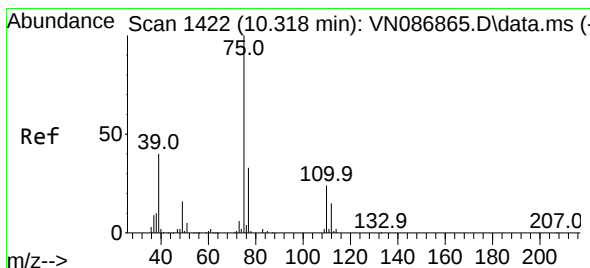
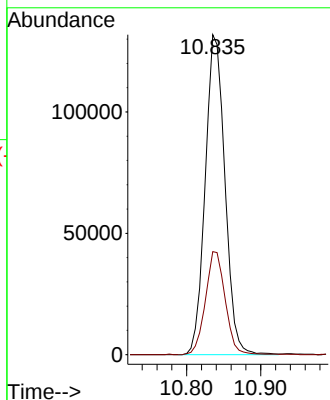
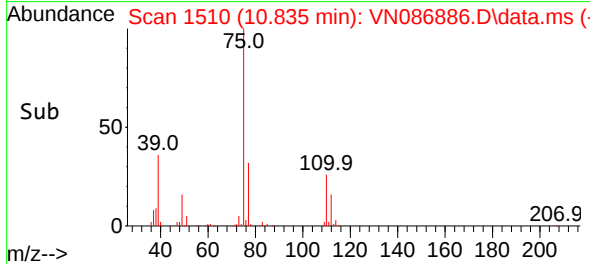
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24359
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6

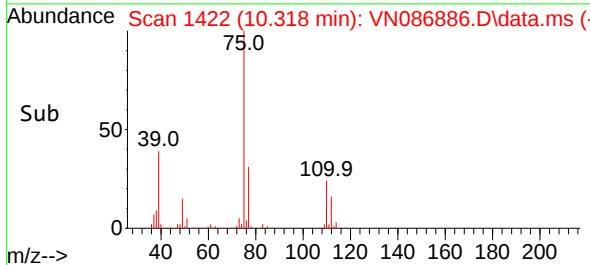
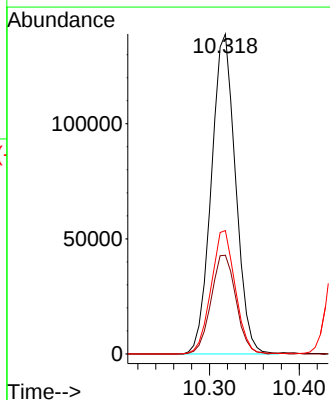
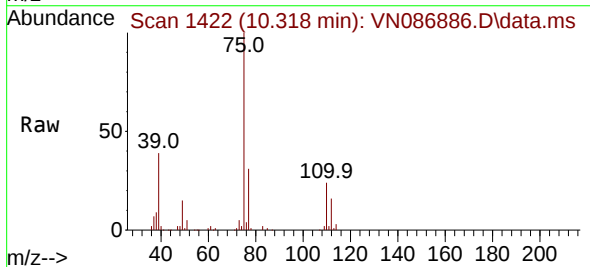
Manual Integrations
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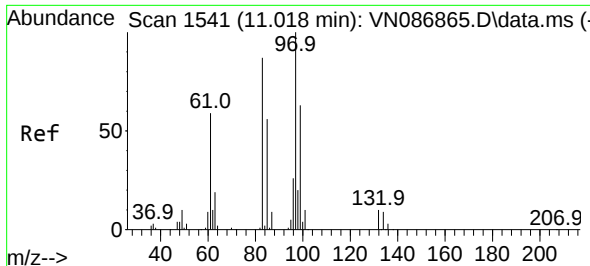
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#54
cis-1,3-Dichloropropene
Concen: 48.197 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

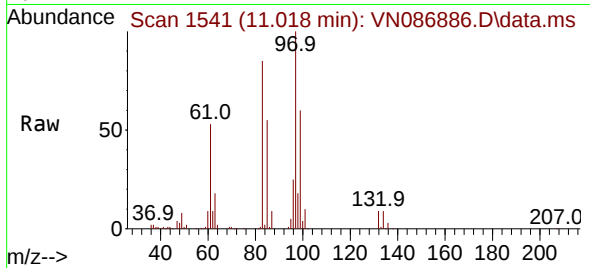
Tgt Ion: 75 Resp: 260316
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.4
39 38.6 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 49.851 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

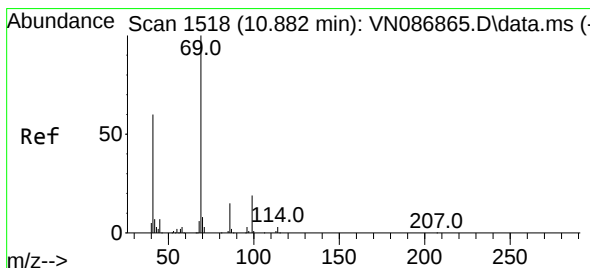
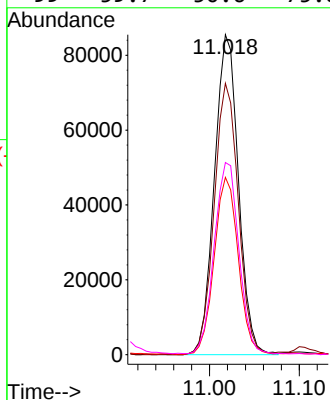
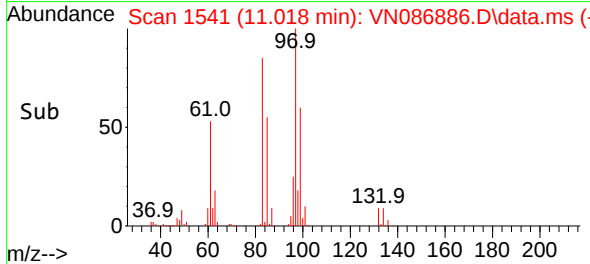
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



Tgt Ion: 97 Resp: 159164
Ion Ratio Lower Upper
97 100
83 84.8 69.7 104.5
85 55.4 45.1 67.7
99 59.7 50.6 75.8

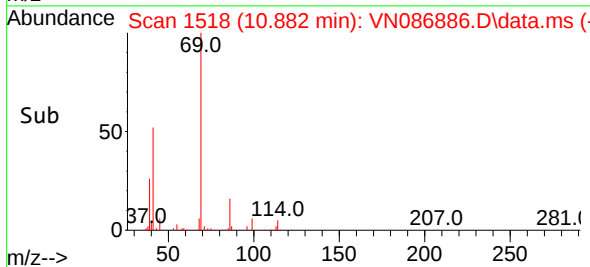
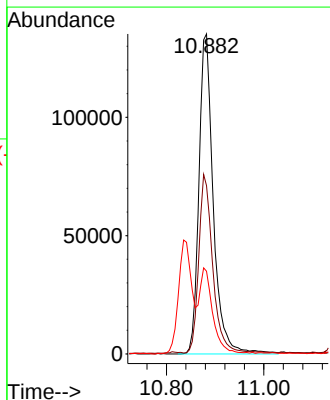
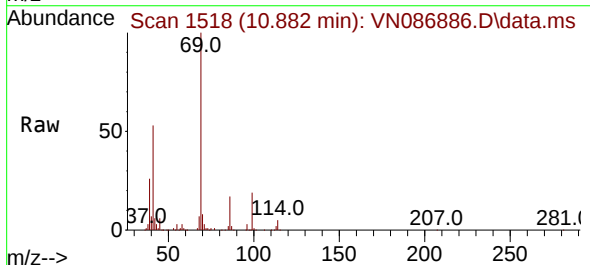
Manual Integrations
APPROVED

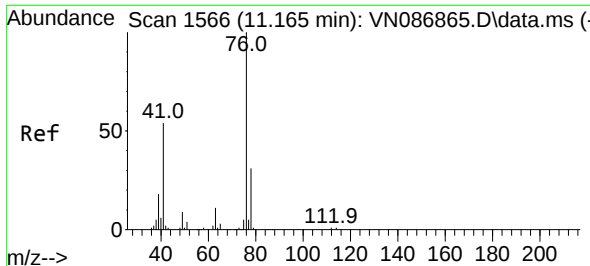
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#56
Ethyl methacrylate
Concen: 54.602 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

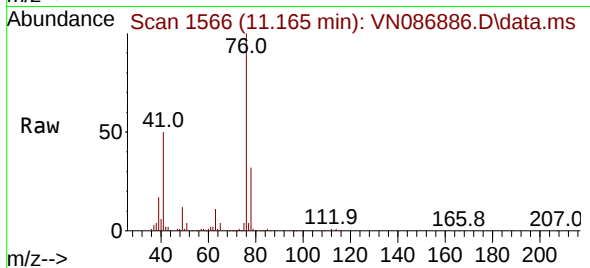
Tgt Ion: 69 Resp: 277672
Ion Ratio Lower Upper
69 100
41 54.1 47.2 70.8
39 25.3 23.0 34.6





#57
1,3-Dichloropropane
Concen: 49.084 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

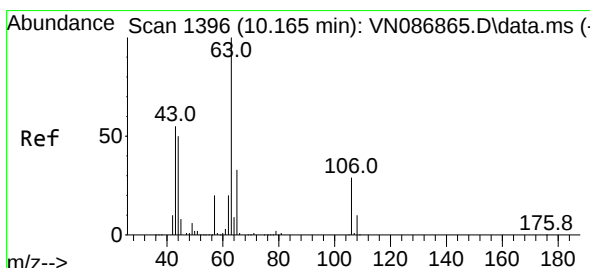
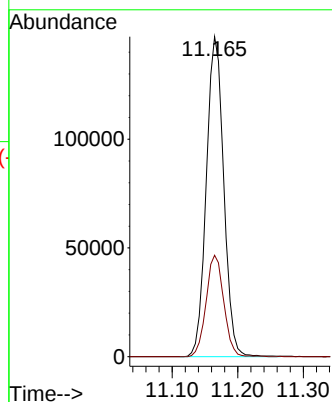
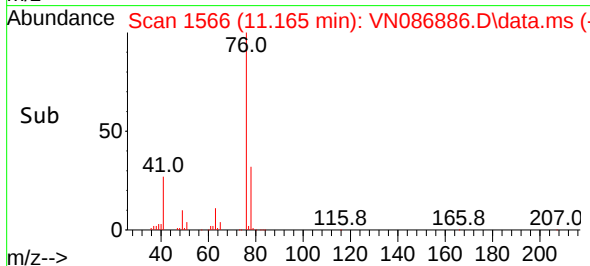
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 27185
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

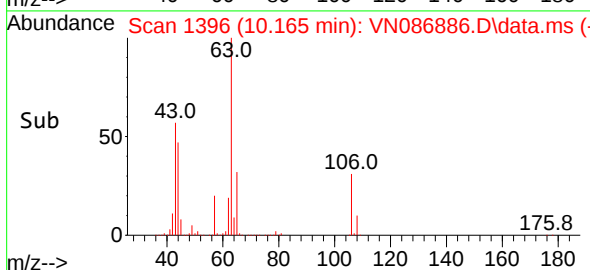
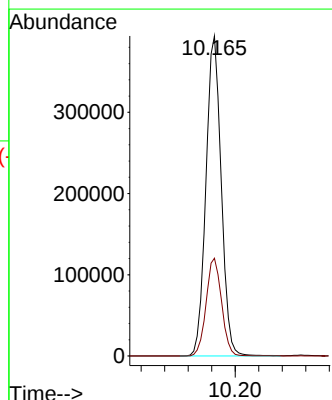
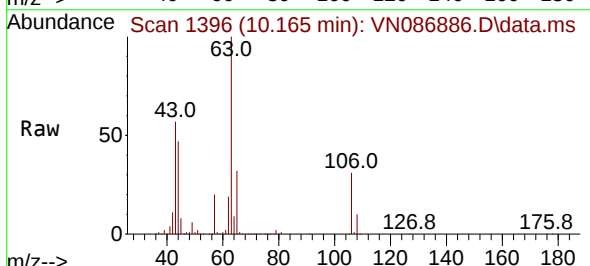
Manual Integrations
APPROVED

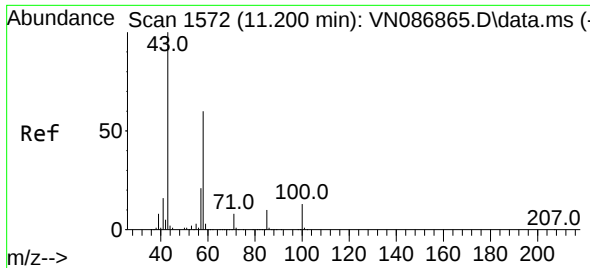
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 233.712 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

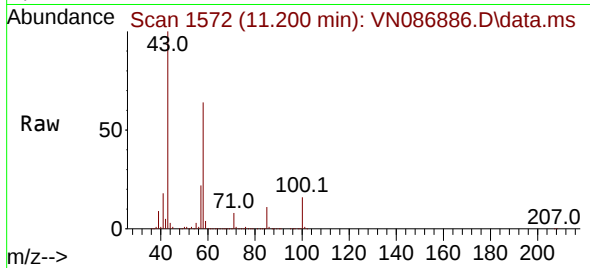
Tgt Ion: 63 Resp: 708883
Ion Ratio Lower Upper
63 100
106 30.9 23.0 34.6





#59
2-Hexanone
Concen: 251.684 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

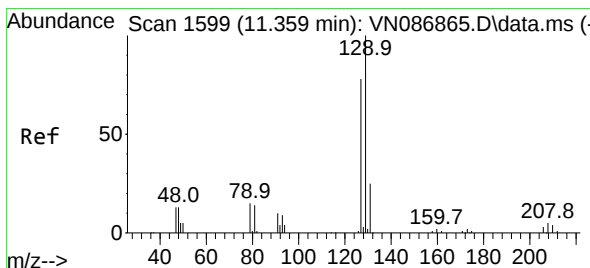
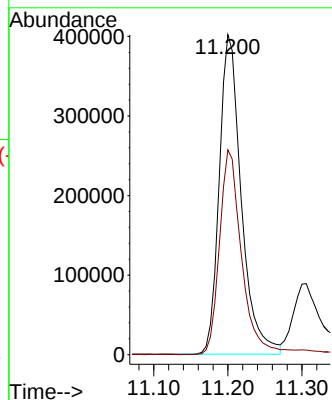
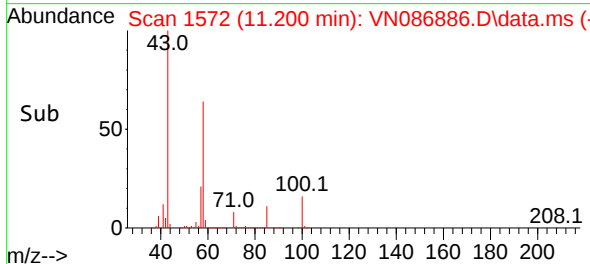
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 827960
Ion Ratio Lower Upper
43 100
58 66.5 30.4 91.3

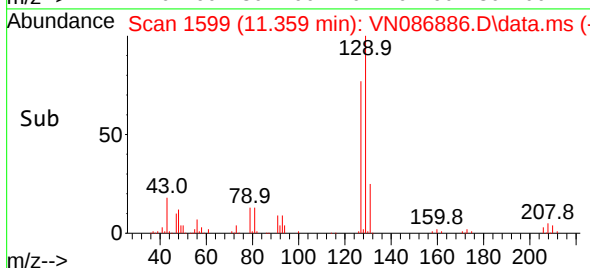
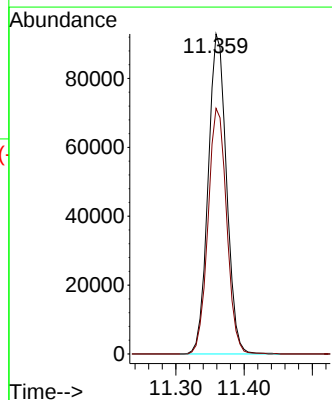
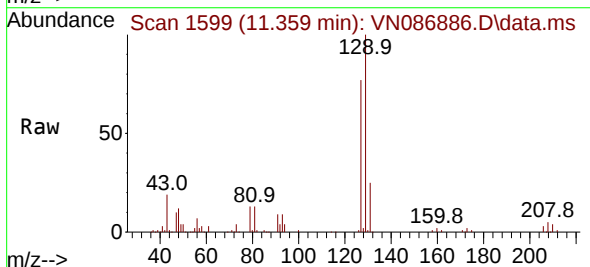
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 52.282 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

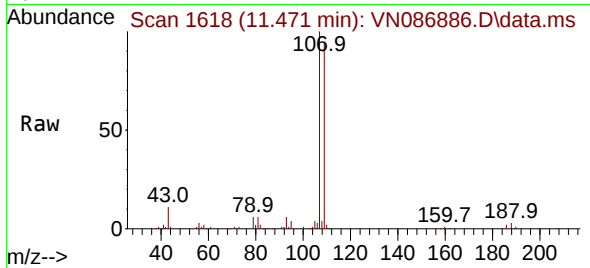
Tgt Ion:129 Resp: 173917
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.018 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

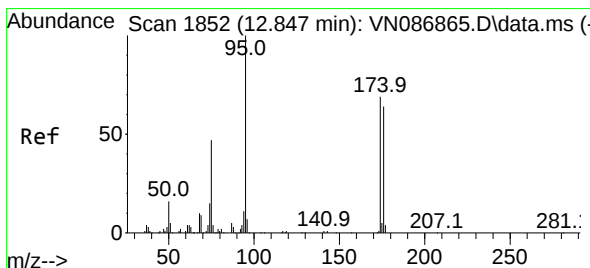
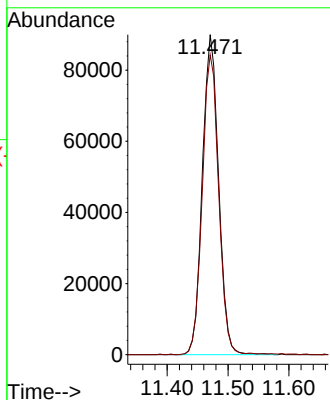
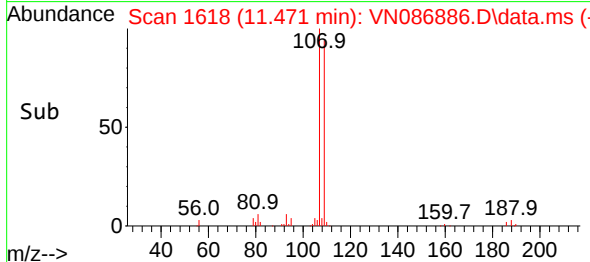
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



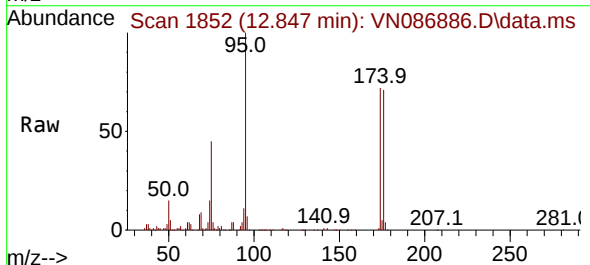
Tgt Ion:107 Resp: 166960
Ion Ratio Lower Upper
107 100
109 94.3 76.3 114.5

Manual Integrations
APPROVED

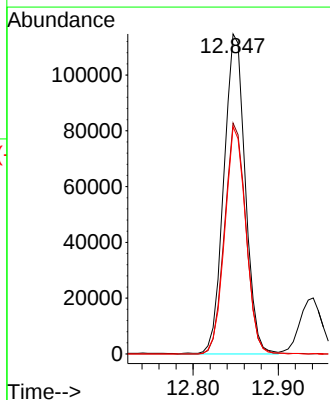
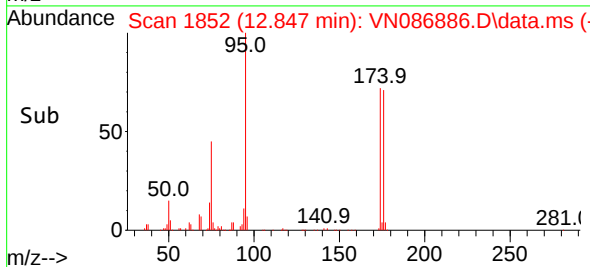
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

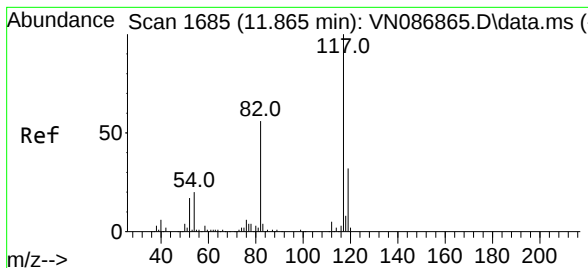


#62
4-Bromofluorobenzene
Concen: 48.940 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



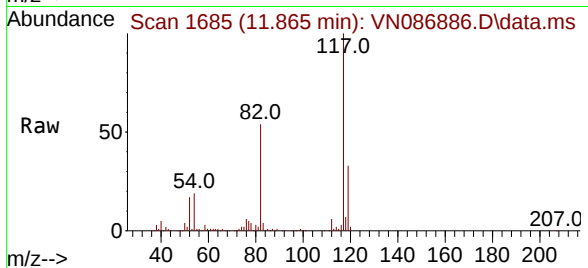
Tgt Ion: 95 Resp: 200570
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.8
176 69.9 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

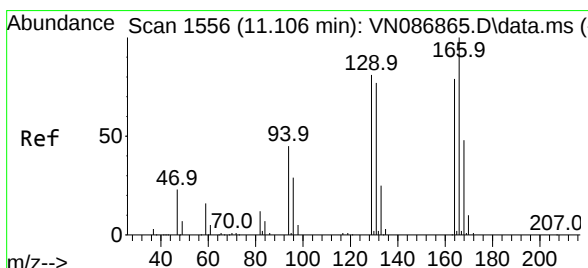
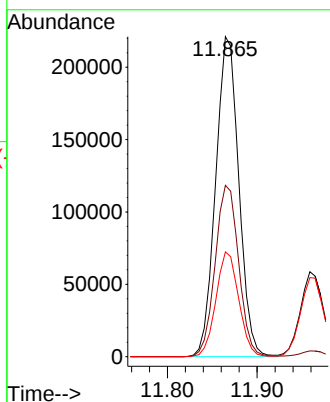
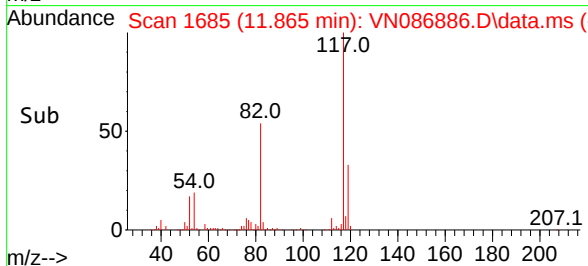
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



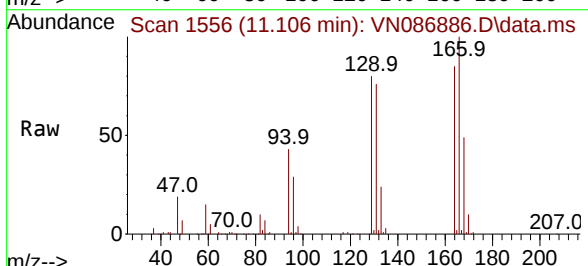
Tgt Ion:117 Resp: 396714
Ion Ratio Lower Upper
117 100
82 53.6 44.6 67.0
119 32.7 25.5 38.3

Manual Integrations
APPROVED

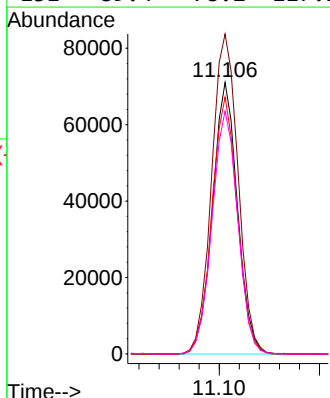
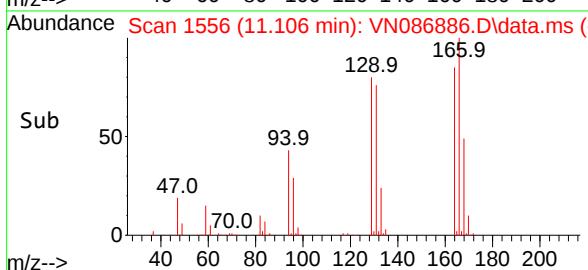
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

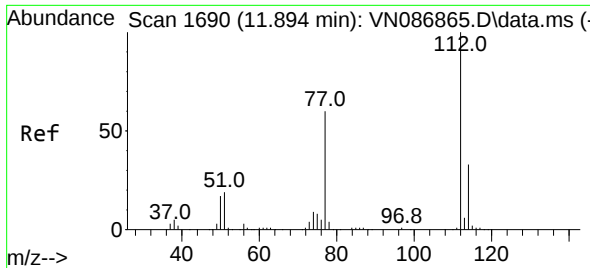


#64
Tetrachloroethene
Concen: 48.893 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



Tgt Ion:164 Resp: 122755
Ion Ratio Lower Upper
164 100
166 117.8 101.8 152.8
129 94.7 83.0 124.4
131 89.4 78.2 117.2





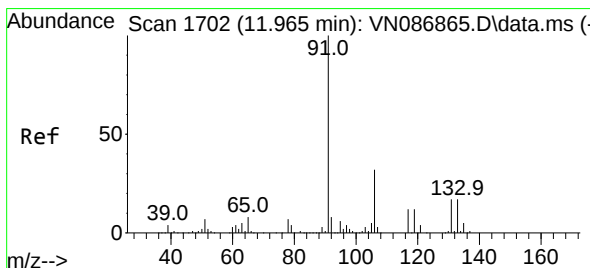
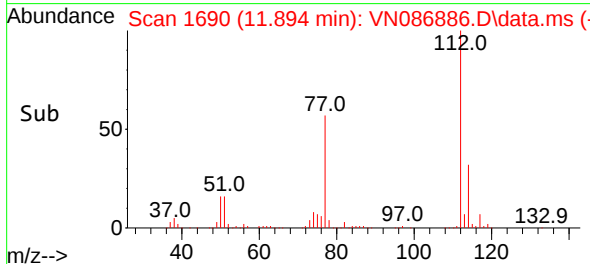
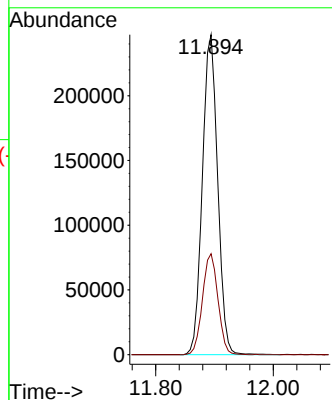
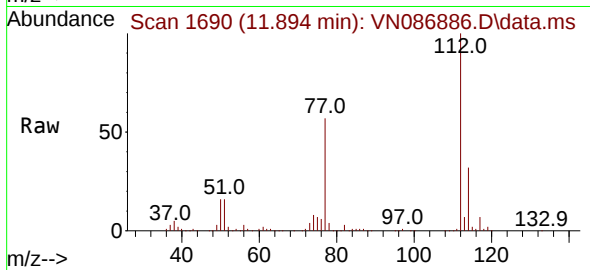
#65
Chlorobenzene
Concen: 50.857 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 444982
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

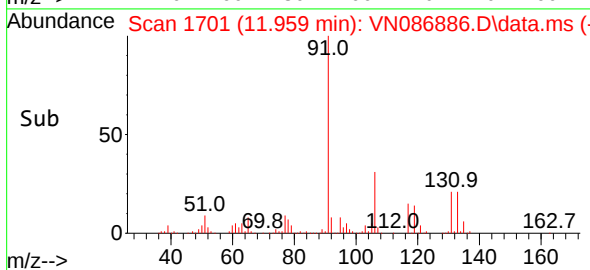
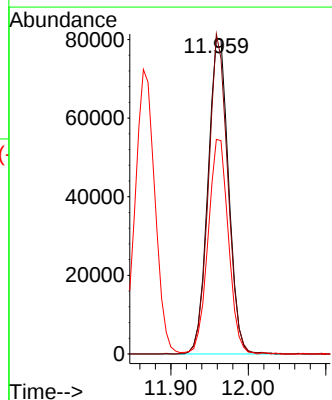
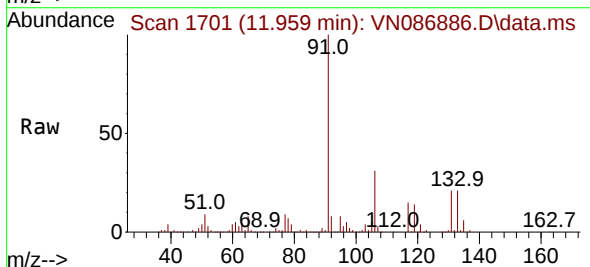
Manual Integrations
APPROVED

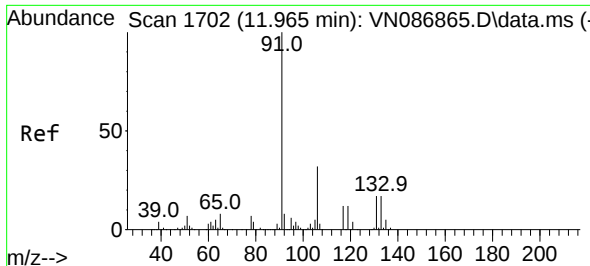
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.609 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

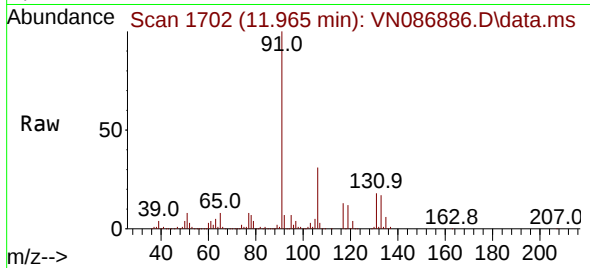
Tgt Ion:131 Resp: 147965
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 67.2 34.0 101.8





#67
Ethyl Benzene
Concen: 48.757 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

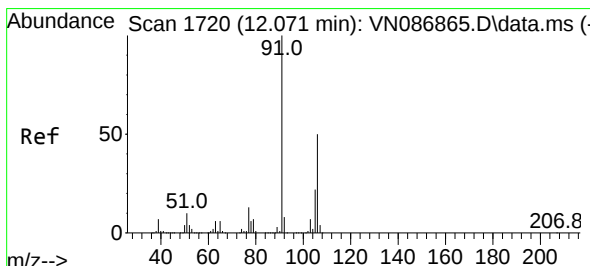
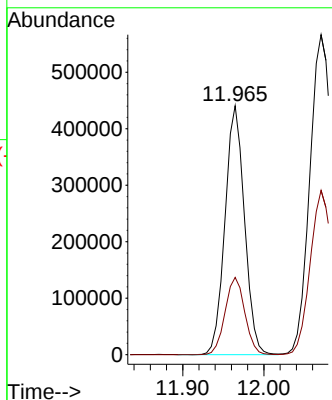
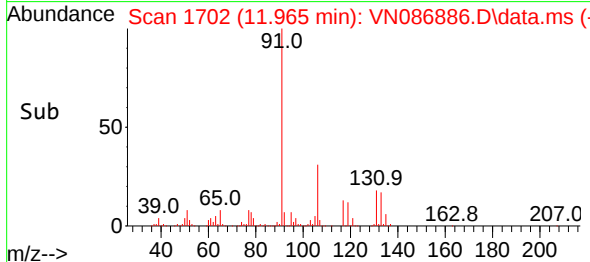
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



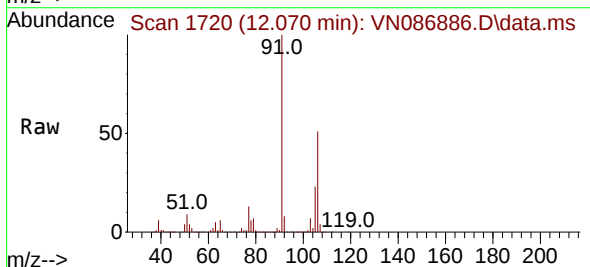
Tgt Ion: 91 Resp: 734822
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

Manual Integrations
APPROVED

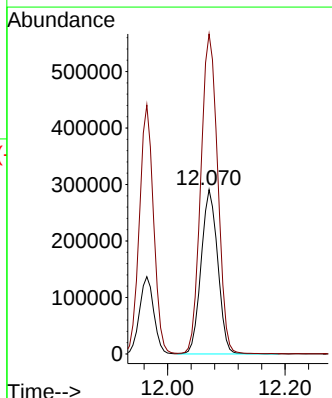
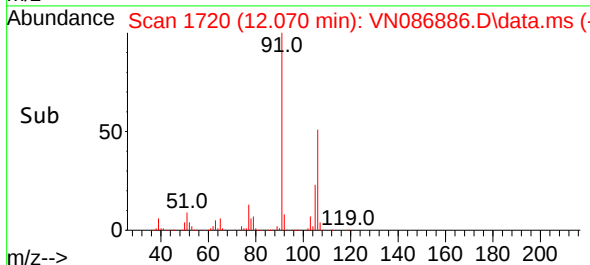
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

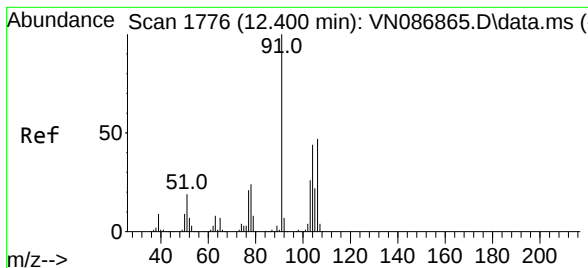


#68
m/p-Xylenes
Concen: 98.971 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



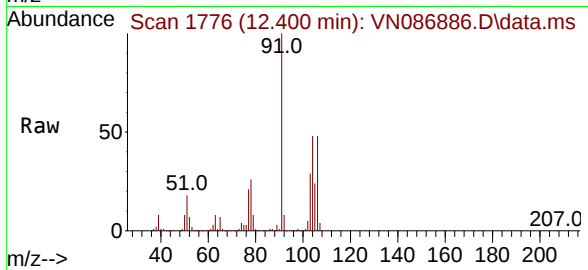
Tgt Ion:106 Resp: 570986
Ion Ratio Lower Upper
106 100
91 197.3 159.4 239.0





#69
o-Xylene
Concen: 50.607 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

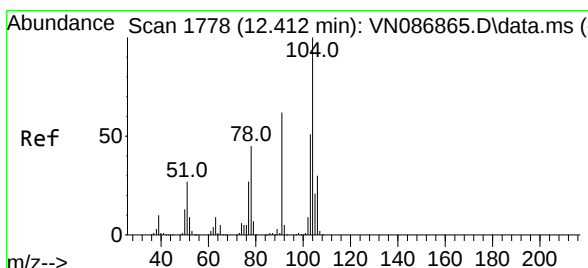
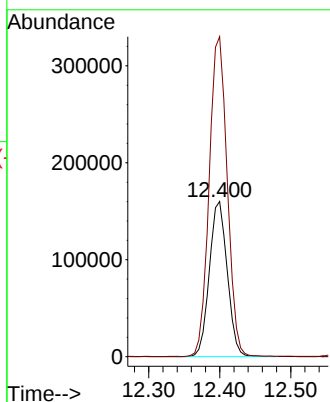
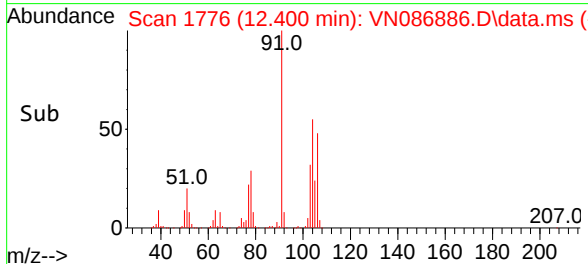
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 279620
Ion Ratio Lower Upper
106 100
91 207.9 106.1 318.1

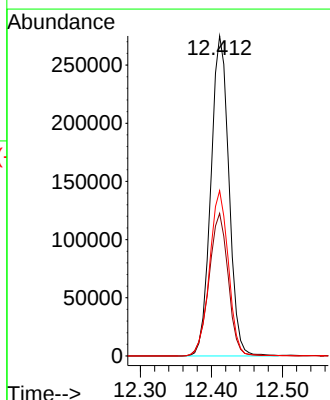
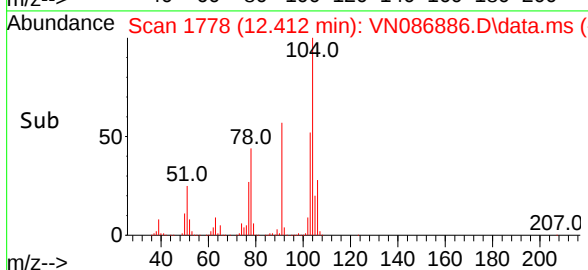
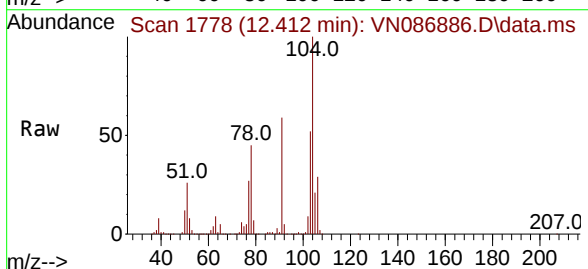
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 51.347 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Tgt Ion:104 Resp: 485486
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 53.9 43.1 64.7





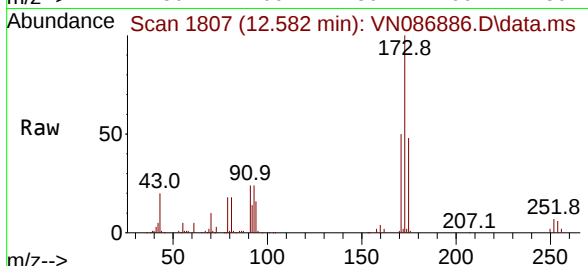
#71
Bromoform
Concen: 56.902 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 118580

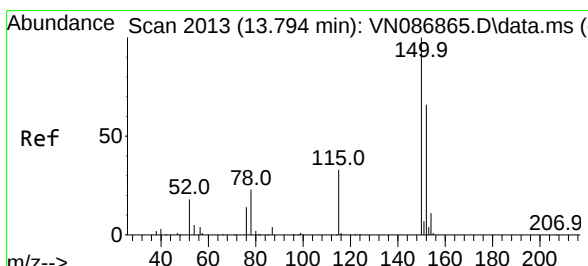
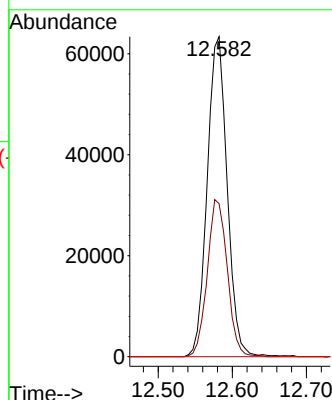
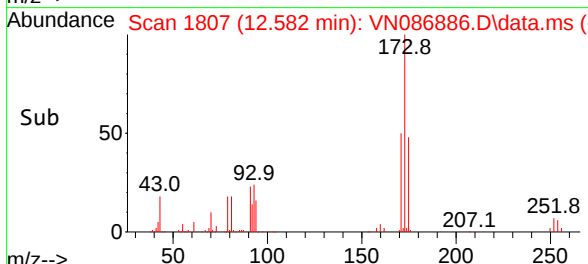
Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

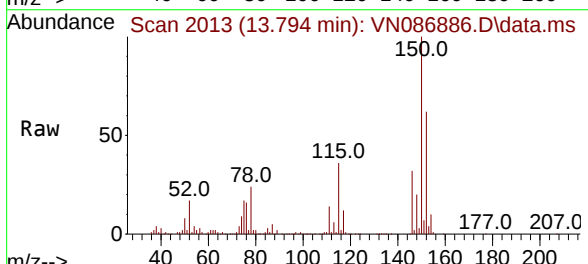
APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025

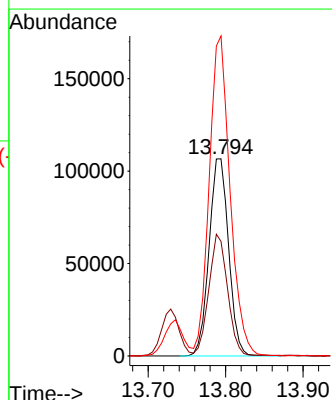
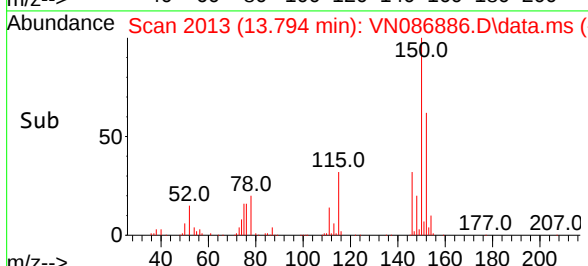


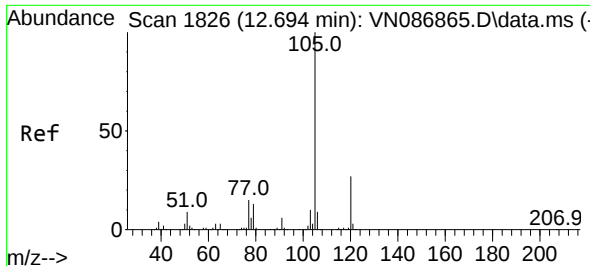
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



Tgt Ion:152 Resp: 187180

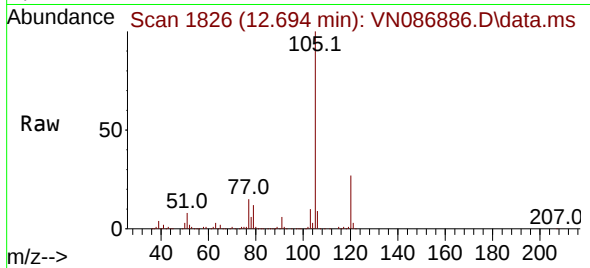
Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.1	90.5
150	172.4	0.0	345.0





#73
Isopropylbenzene
Concen: 49.309 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

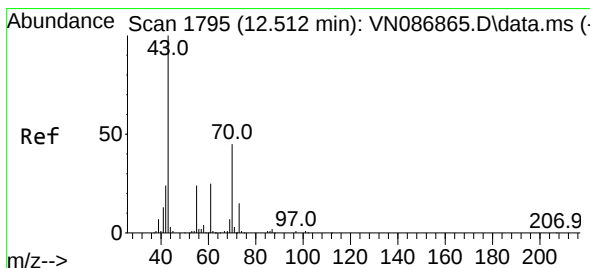
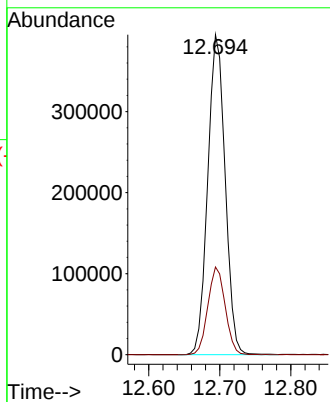
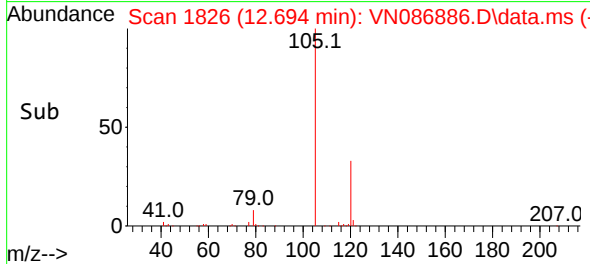
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



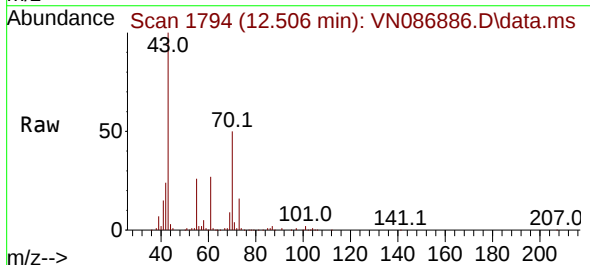
Tgt Ion:105 Resp: 672390
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations
APPROVED

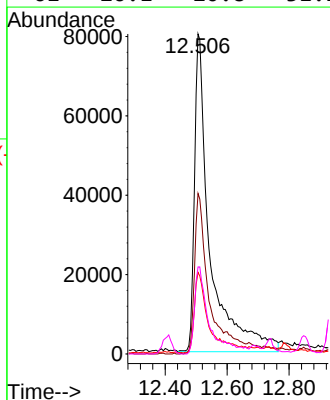
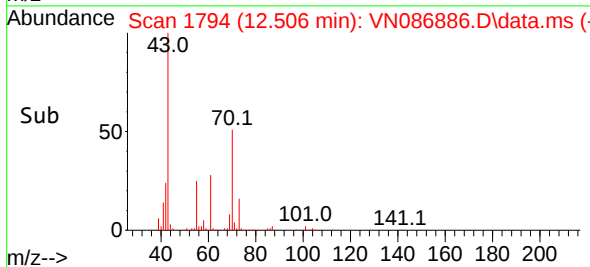
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

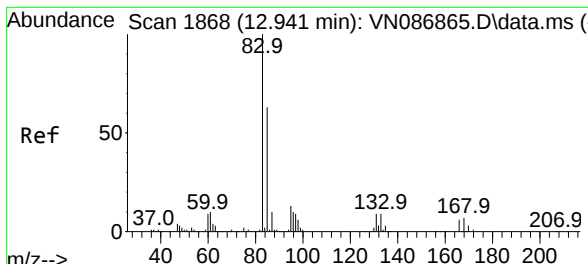


#74
N-ethyl acetate
Concen: 58.402 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



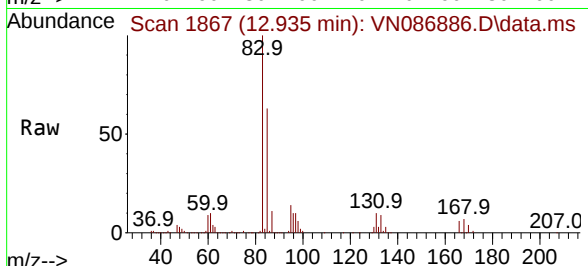
Tgt Ion: 43 Resp: 278292
Ion Ratio Lower Upper
43 100
70 47.0 37.6 56.4
55 23.2 19.0 28.6
61 26.1 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.474 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

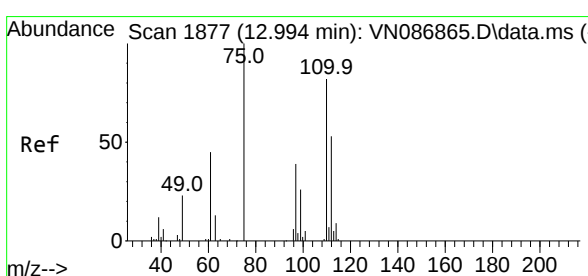
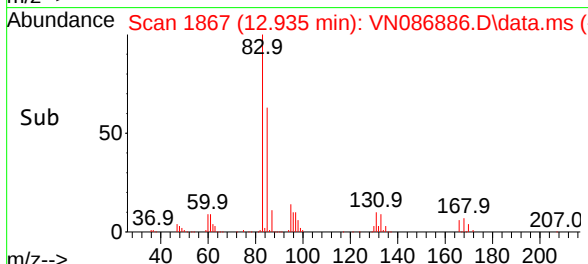
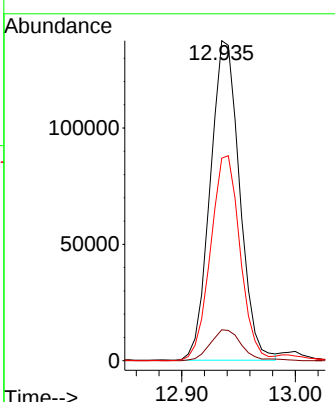
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 247030

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.7
85	64.6	32.0	96.0

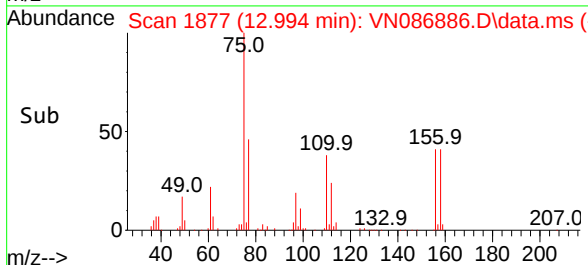
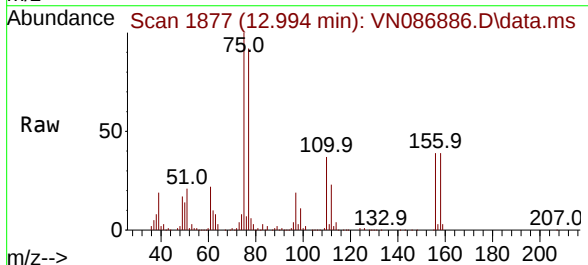
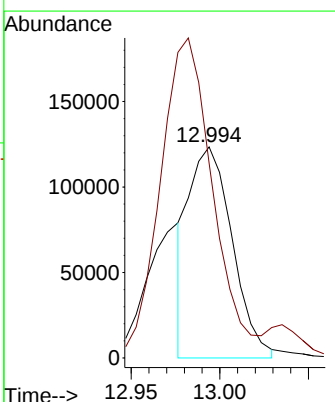
Manual Integrations
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 Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025

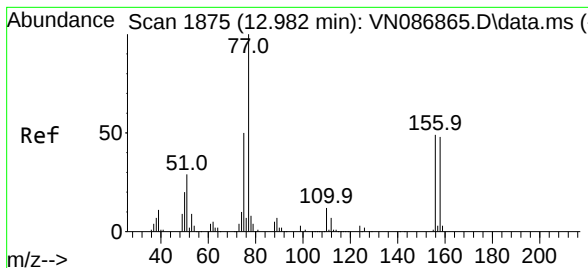


#76
 1,2,3-Trichloropropane
 Concen: 47.120 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

Tgt Ion: 75 Resp: 209654

Ion	Ratio	Lower	Upper
75	100		
77	184.6	79.3	237.9





#77

Bromobenzene

Concen: 54.554 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

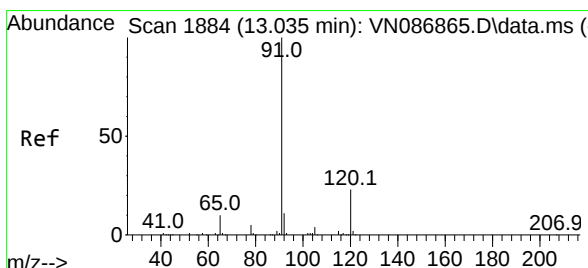
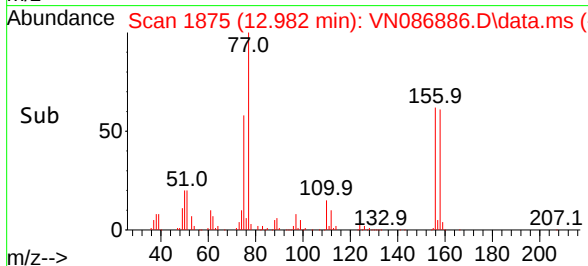
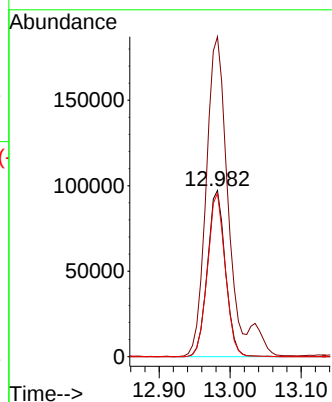
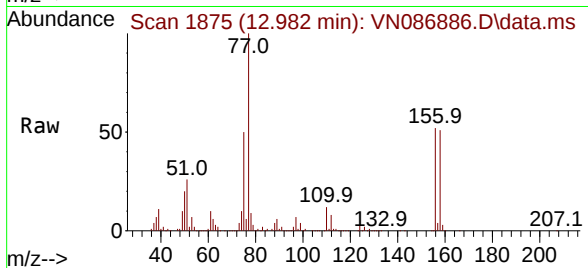
Tgt Ion:	156	Resp:	17060
Ion Ratio	Lower	Upper	
156	100		
77	226.8	117.7	353.1
158	97.4	48.1	144.4

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#78

n-propylbenzene

Concen: 47.786 ug/l

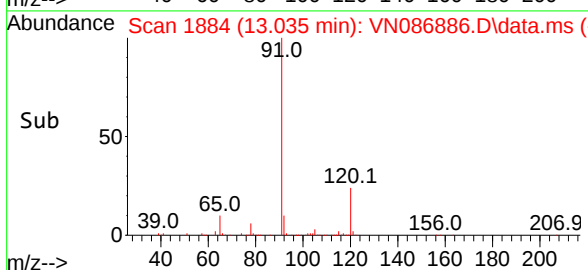
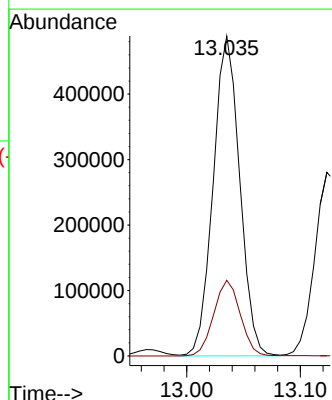
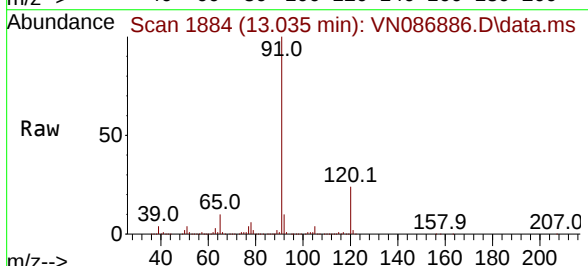
RT: 13.035 min Scan# 1884

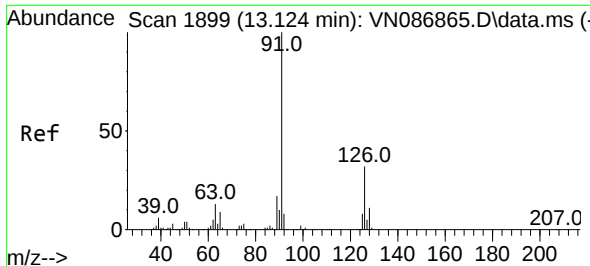
Delta R.T. -0.000 min

Lab File: VN086886.D

Acq: 06 Jun 2025 22:52

Tgt Ion:	91	Resp:	791890
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.4	34.2





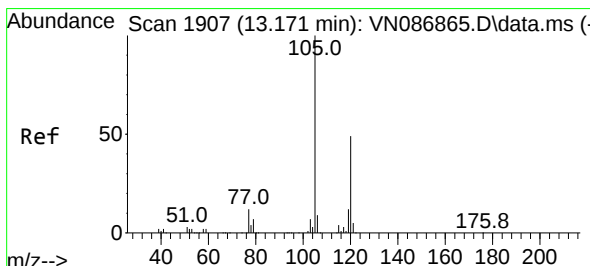
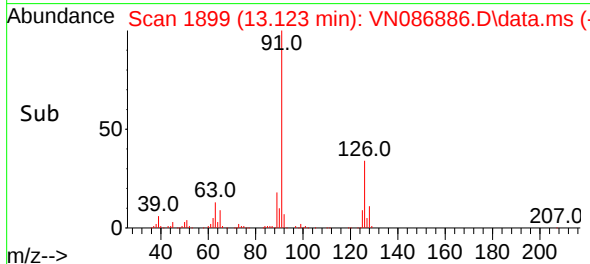
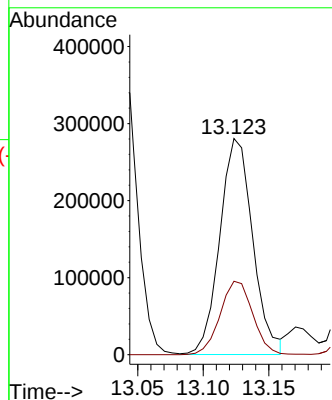
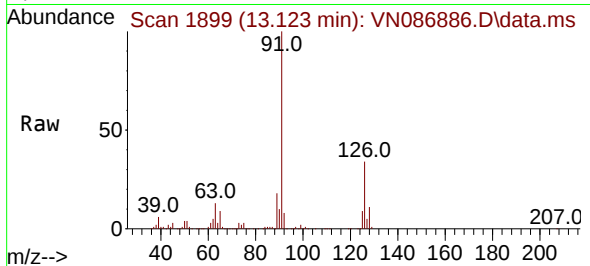
#79
2-Chlorotoluene
Concen: 49.415 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 491092
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.5

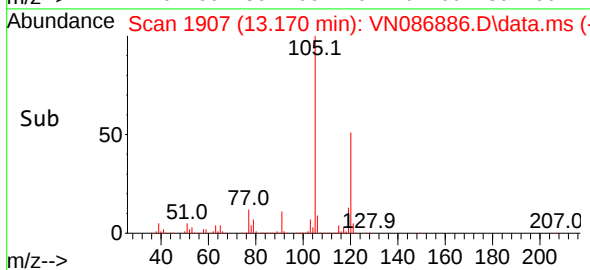
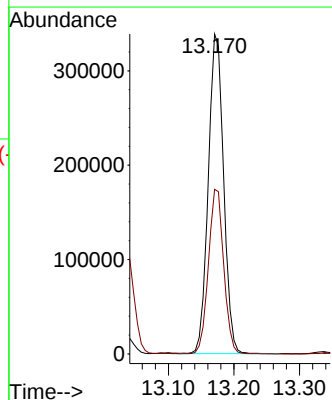
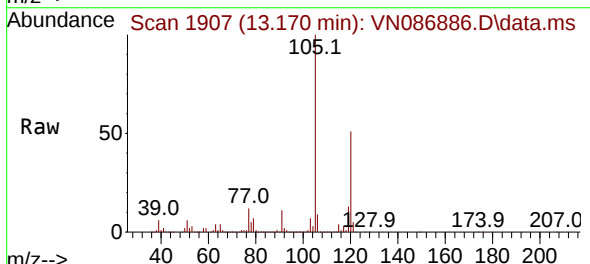
Manual Integrations
APPROVED

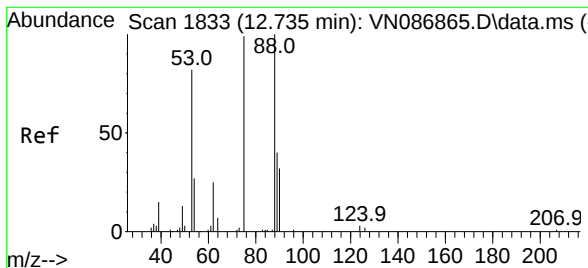
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.994 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

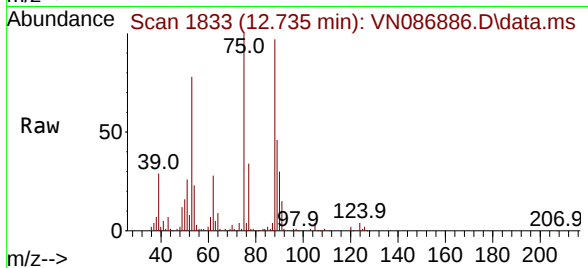
Tgt Ion:105 Resp: 551586
Ion Ratio Lower Upper
105 100
120 51.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.180 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

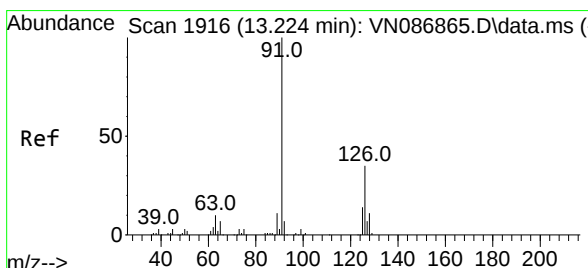
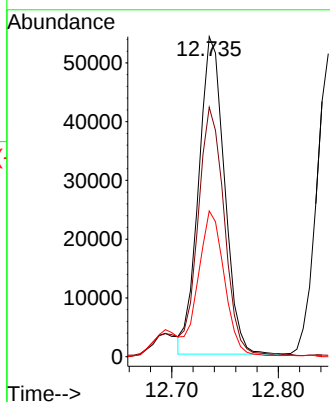
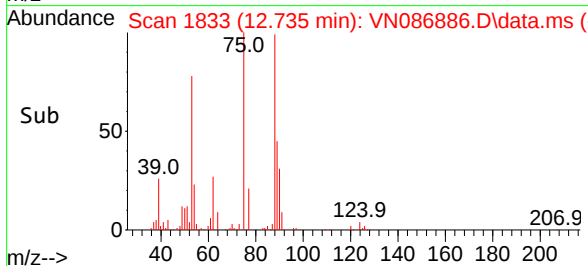
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 91192
Ion Ratio Lower Upper
75 100
53 88.8 66.6 99.8
89 46.4 36.7 55.1

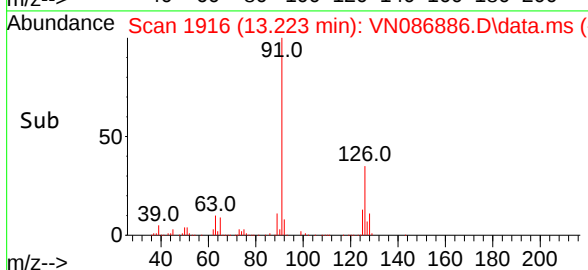
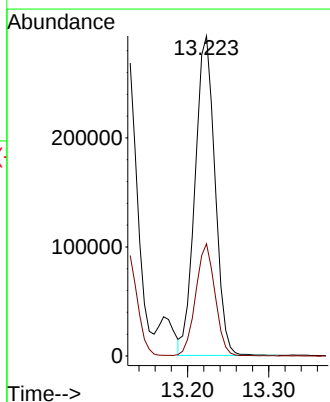
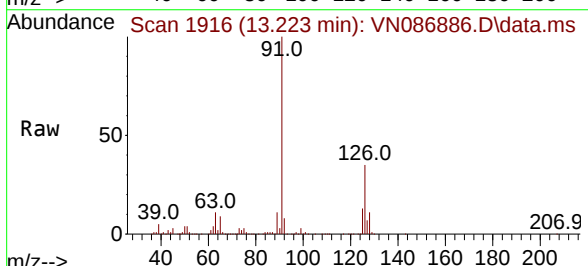
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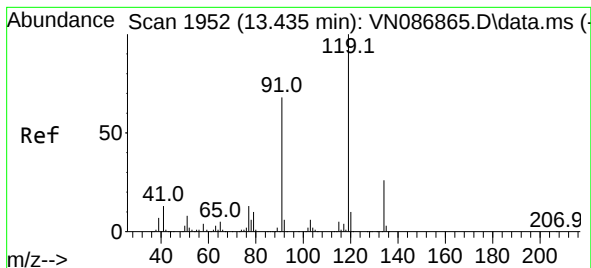
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 49.658 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

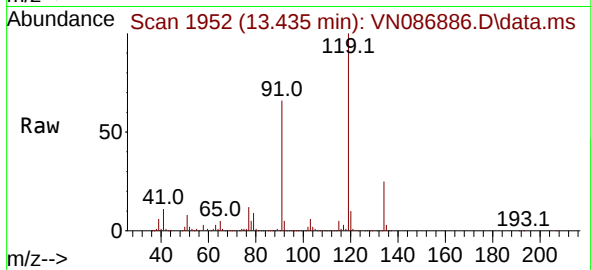
Tgt Ion: 91 Resp: 499349
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.1





#83
tert-Butylbenzene
Concen: 48.254 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

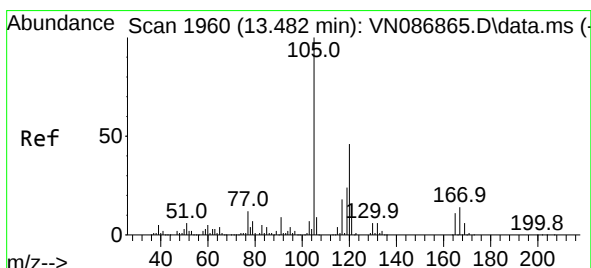
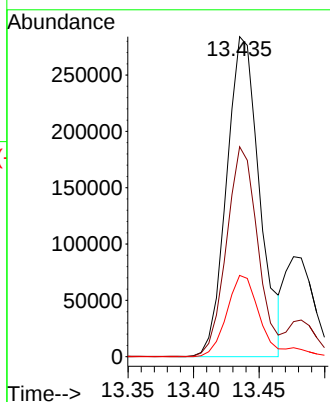
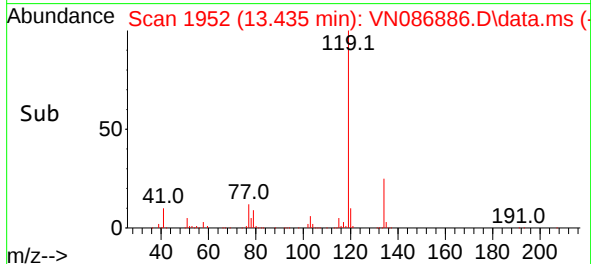
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



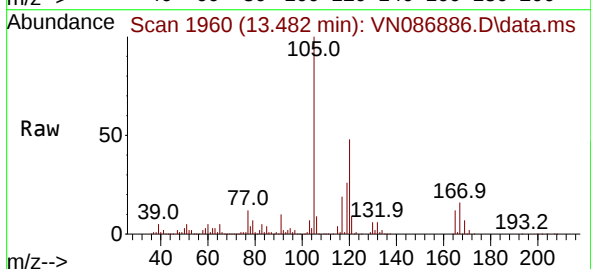
Tgt Ion:119 Resp: 497290
Ion Ratio Lower Upper
119 100
91 62.0 32.1 96.5
134 26.5 13.4 40.1

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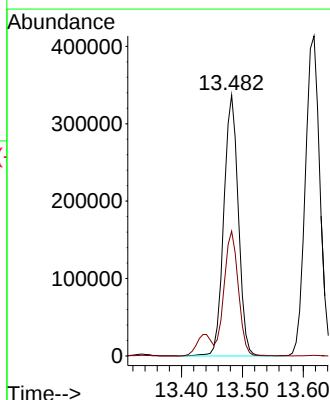
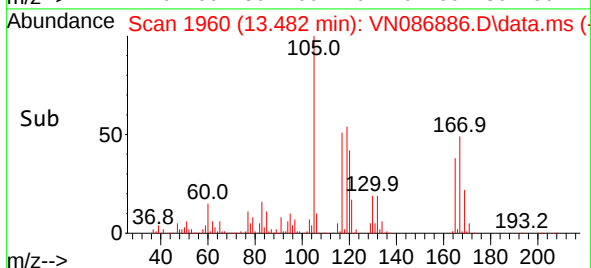
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

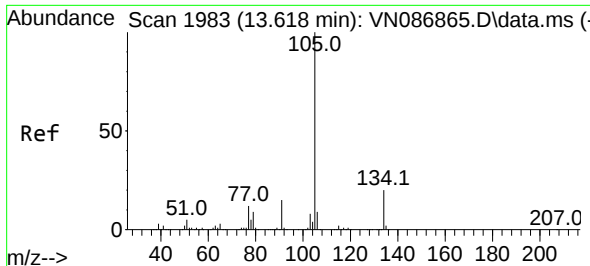


#84
1,2,4-Trimethylbenzene
Concen: 49.450 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



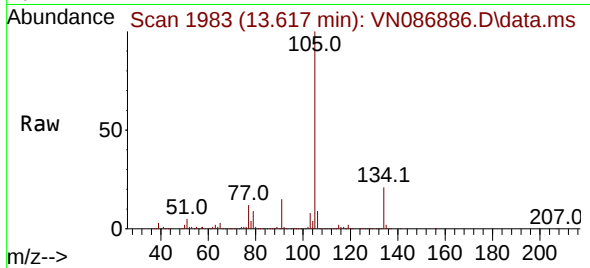
Tgt Ion:105 Resp: 558265
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 45.865 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

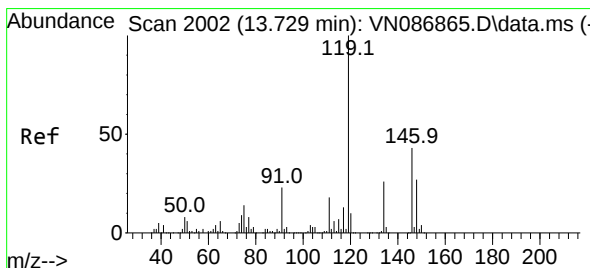
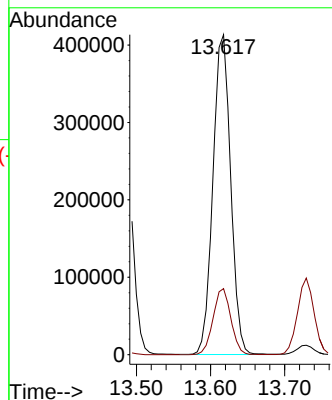
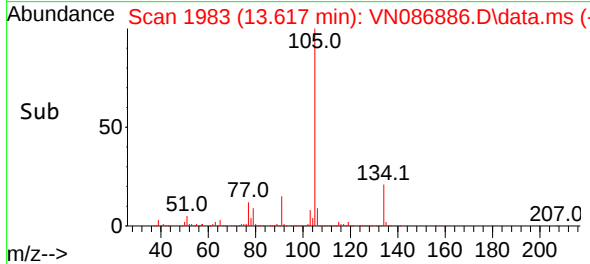
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



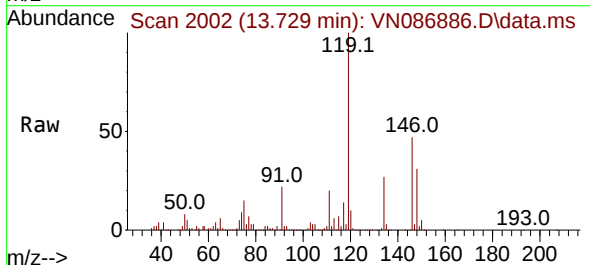
Tgt Ion:105 Resp: 686418
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0

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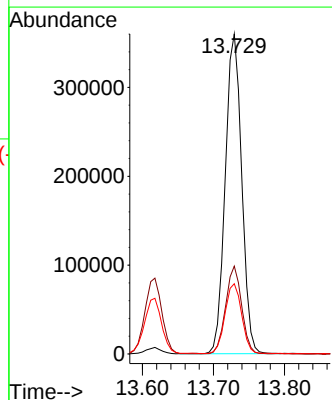
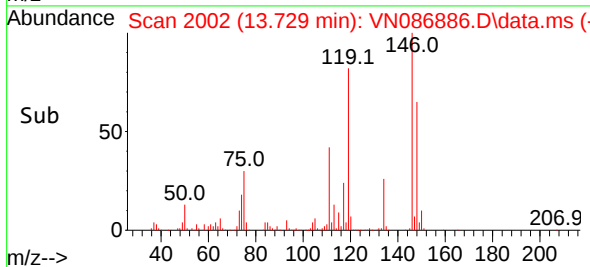
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025

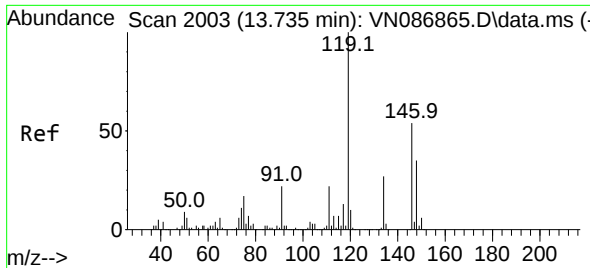


#86
 p-Isopropyltoluene
 Concen: 46.635 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52



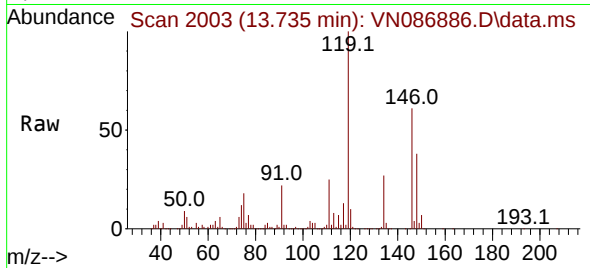
Tgt Ion:119 Resp: 576935
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 22.5 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 50.140 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52

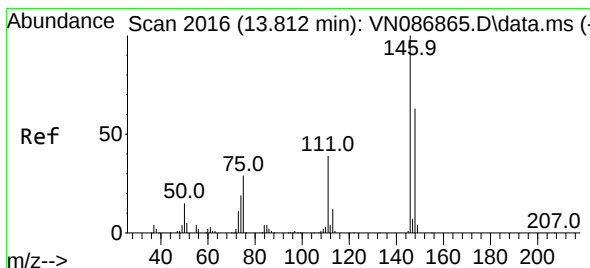
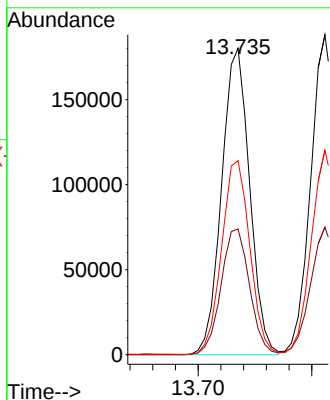
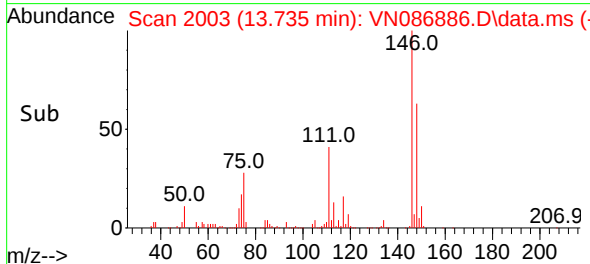
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



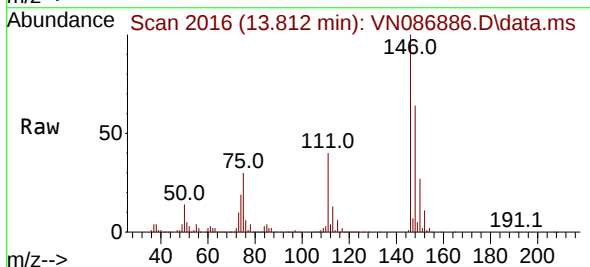
Tgt Ion:146 Resp: 30850
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.8
 148 64.0 32.0 96.2

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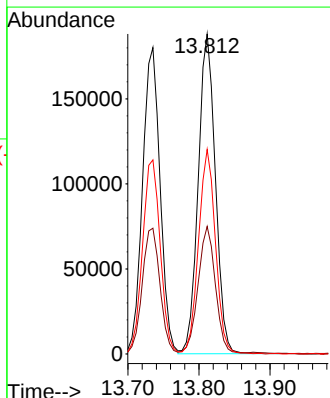
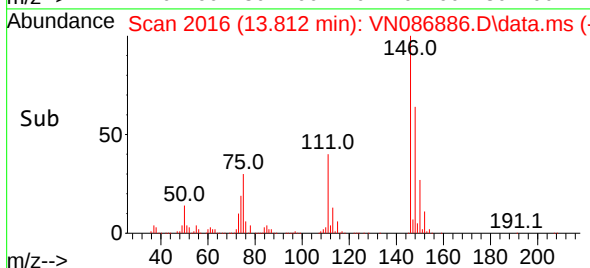
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025

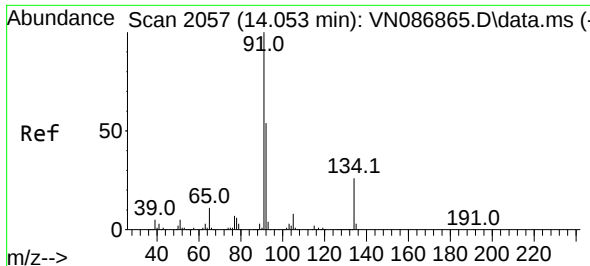


#88
 1,4-Dichlorobenzene
 Concen: 50.567 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086886.D
 Acq: 06 Jun 2025 22:52



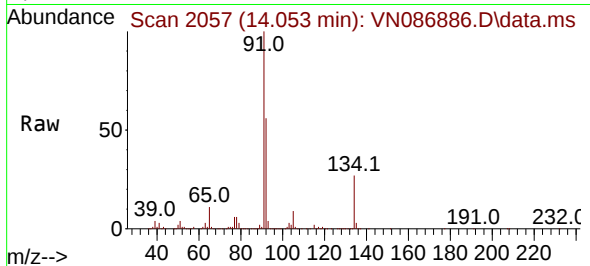
Tgt Ion:146 Resp: 317203
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.0 31.8 95.4





#89
n-Butylbenzene
Concen: 42.940 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

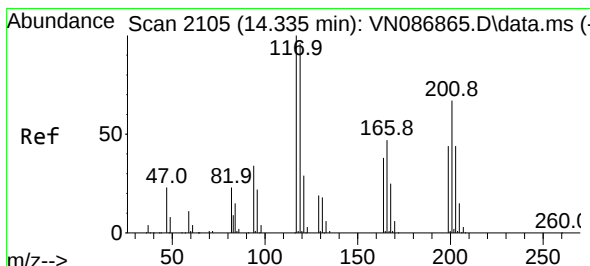
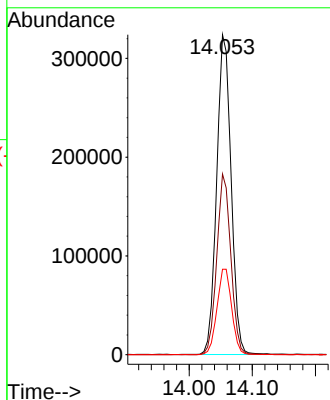
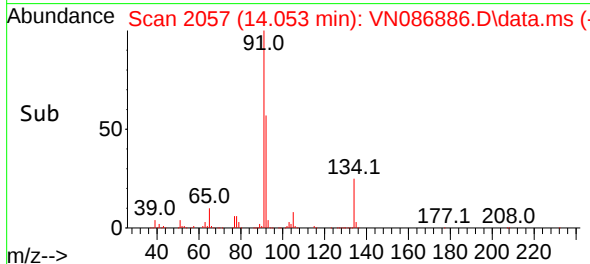
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 514554
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.4
134 27.3 13.0 39.0

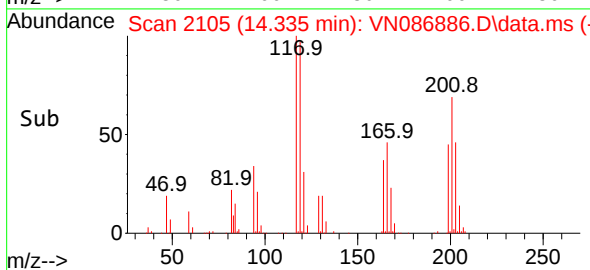
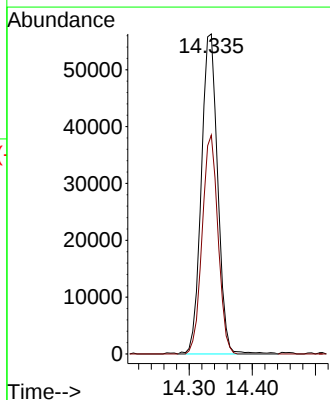
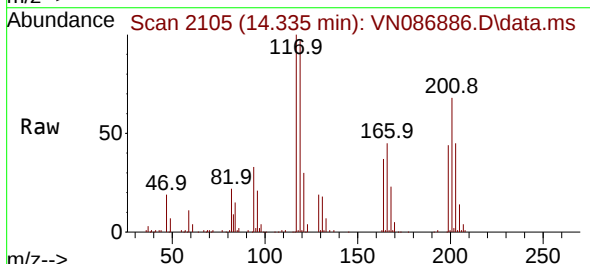
Manual Integrations
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Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#90
Hexachloroethane
Concen: 48.302 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

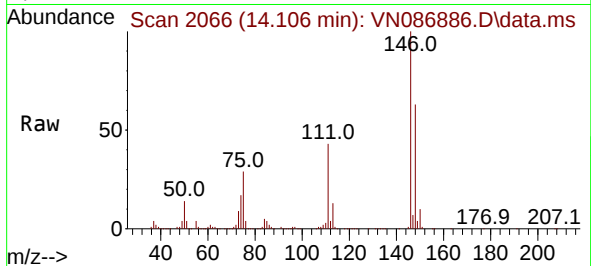
Tgt Ion:117 Resp: 101289
Ion Ratio Lower Upper
117 100
201 66.0 33.2 99.6





#91
1,2-Dichlorobenzene
Concen: 51.152 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

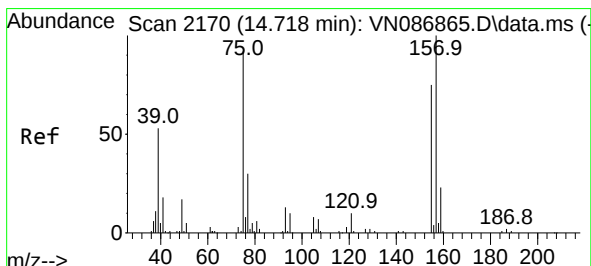
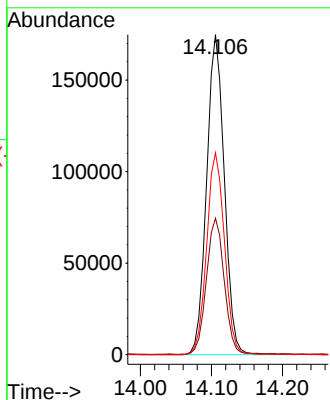
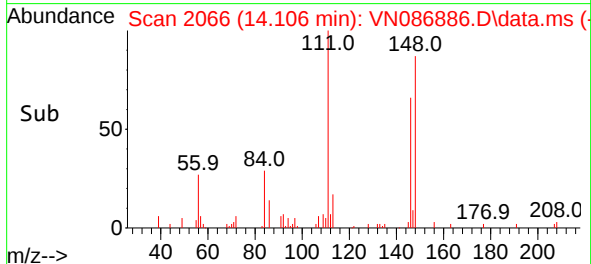
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



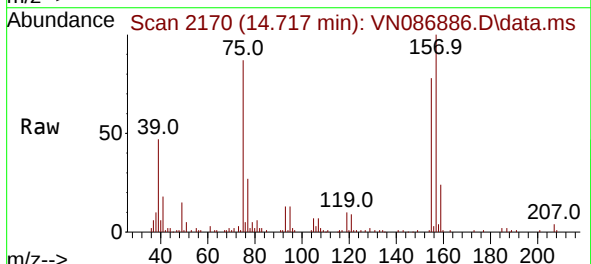
Tgt Ion:146 Resp: 302374
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 63.6 31.7 95.1

Manual Integrations
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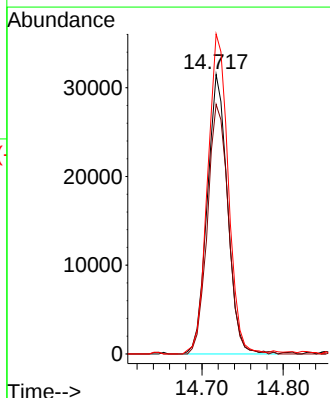
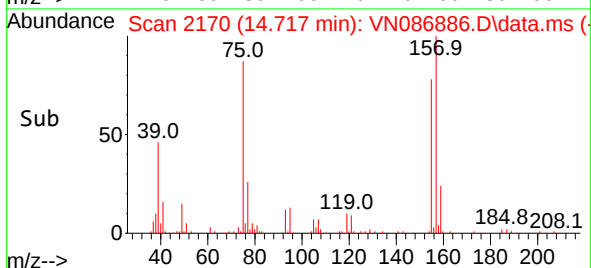
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

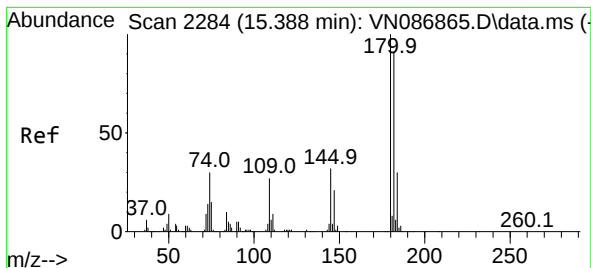


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.490 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



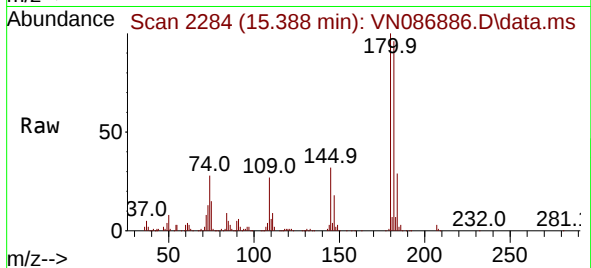
Tgt Ion: 75 Resp: 54677
Ion Ratio Lower Upper
75 100
155 91.7 41.1 123.4
157 116.1 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 47.207 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

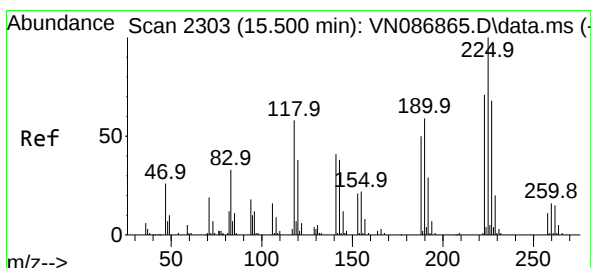
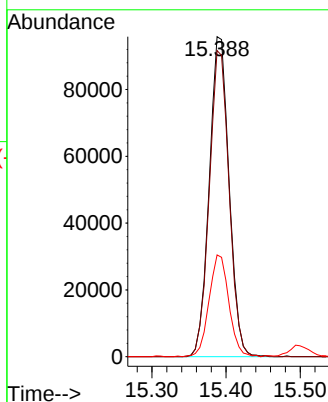
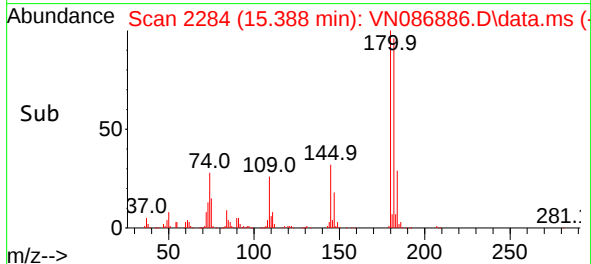
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



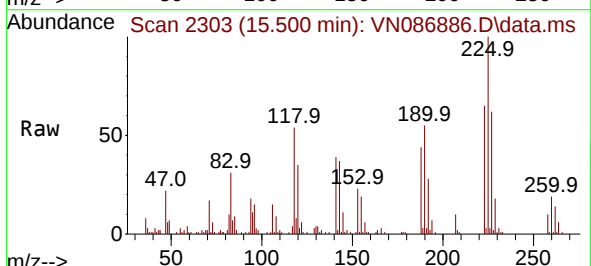
Tgt Ion:180 Resp: 178194
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.7
145 31.8 16.0 47.9

Manual Integrations
APPROVED

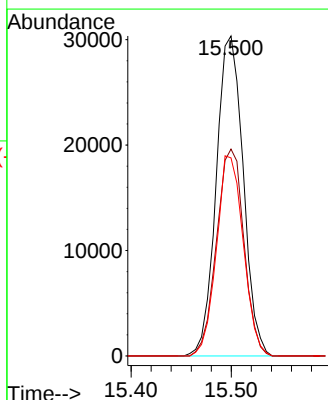
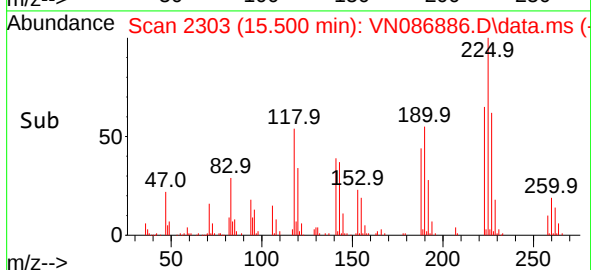
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

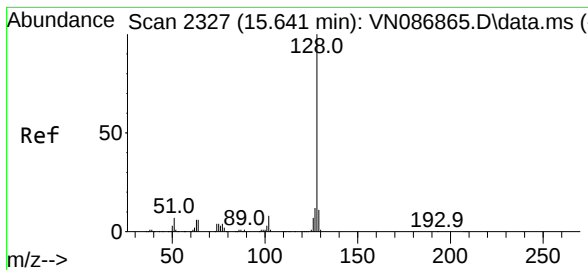


#94
Hexachlorobutadiene
Concen: 40.347 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



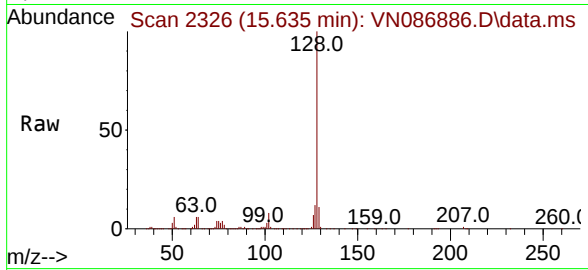
Tgt Ion:225 Resp: 56742
Ion Ratio Lower Upper
225 100
223 65.6 33.5 100.4
227 62.2 31.1 93.5





#95
Naphthalene
Concen: 50.707 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52

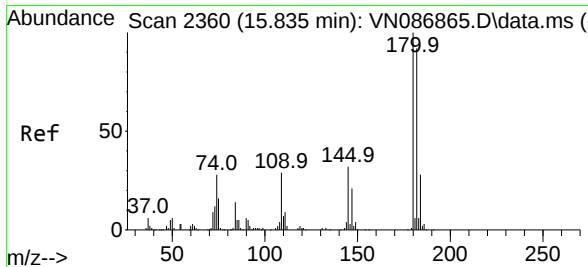
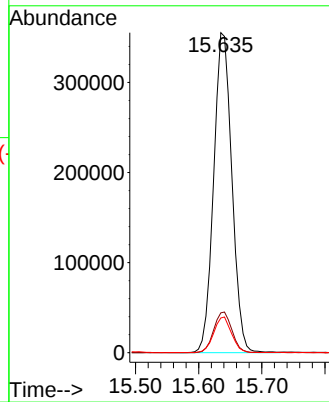
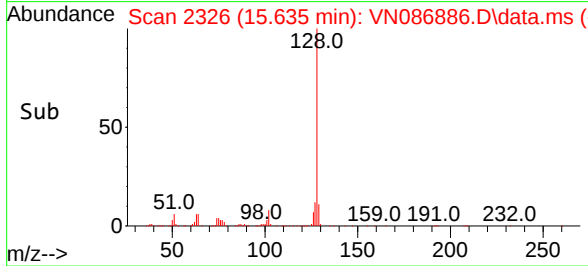
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



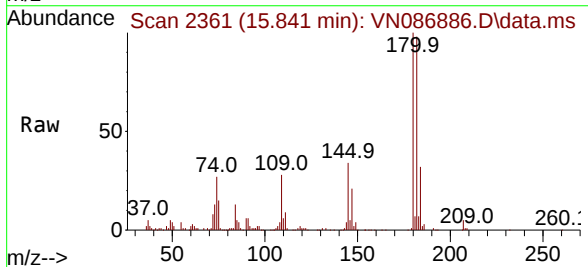
Tgt Ion:128 Resp: 71244
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.795 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086886.D
Acq: 06 Jun 2025 22:52



Tgt Ion:180 Resp: 171749
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 33.9 16.6 49.8

