

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087119.D
 Acq On : 19 Jun 2025 17:52
 Operator : JC\MD
 Sample : Q2329-12MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MSD

Quant Time: Jun 20 01:30:25 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106321	44.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.480%		
35) Dibromofluoromethane	8.171	113	94304	49.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.565	98	349005	45.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.760%		
62) 4-Bromofluorobenzene	12.847	95	131657	46.584	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	91097	51.478	ug/l	99
3) Chloromethane	2.395	50	103151	45.140	ug/l	99
4) Vinyl Chloride	2.554	62	132183	56.075	ug/l	99
5) Bromomethane	2.989	94	71309	54.057	ug/l	92
6) Chloroethane	3.154	64	84512	55.503	ug/l	93
7) Trichlorofluoromethane	3.530	101	168464	54.699	ug/l	100
8) Diethyl Ether	3.983	74	74805	55.746	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.395	101	103505	53.492	ug/l	99
10) Methyl Iodide	4.612	142	92527	36.888	ug/l	98
11) Tert butyl alcohol	5.536	59	156895	243.326	ug/l	98
12) 1,1-Dichloroethene	4.371	96	109245	55.301	ug/l	93
13) Acrolein	4.200	56	42318	207.340	ug/l	100
14) Allyl chloride	5.048	41	153558	46.871	ug/l	95
15) Acrylonitrile	5.736	53	381061	252.842	ug/l	99
16) Acetone	4.448	43	286922	227.682	ug/l	100
17) Carbon Disulfide	4.736	76	309512	56.642	ug/l	99
18) Methyl Acetate	5.048	43	151644	41.293	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	374361	52.338	ug/l	98
20) Methylene Chloride	5.295	84	125128	53.036	ug/l	93
21) trans-1,2-Dichloroethene	5.812	96	117148	53.301	ug/l	92
22) Diisopropyl ether	6.683	45	340365	49.286	ug/l	96
23) Vinyl Acetate	6.618	43	1432710	245.547	ug/l	97
24) 1,1-Dichloroethane	6.583	63	213618	53.751	ug/l	100
25) 2-Butanone	7.489	43	478559	233.627	ug/l	96
26) 2,2-Dichloropropane	7.500	77	158168	51.163	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	141666	53.896	ug/l	96
28) Bromochloromethane	7.824	49	86952	44.499	ug/l	92
29) Tetrahydrofuran	7.847	42	311959	233.785	ug/l	94
30) Chloroform	7.977	83	208999	52.659	ug/l	96
31) Cyclohexane	8.265	56	182112	47.251	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	178740	52.950	ug/l	97
36) 1,1-Dichloropropene	8.377	75	153809	53.717	ug/l	98
37) Ethyl Acetate	7.565	43	173325	47.551	ug/l	99
38) Carbon Tetrachloride	8.371	117	150377	53.493	ug/l	98
39) Methylcyclohexane	9.606	83	174796	44.558	ug/l	97
40) Benzene	8.612	78	497556	53.139	ug/l	100

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Manual Integrations
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 Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	93397	45.624	ug/l	90
42) 1,2-Dichloroethane	8.677	62	146825	51.700	ug/l	100
43) Isopropyl Acetate	8.694	43	269980	46.148	ug/l	95
44) Trichloroethene	9.359	130	206823	93.156	ug/l	97
45) 1,2-Dichloropropane	9.624	63	119679	52.538	ug/l	98
46) Dibromomethane	9.712	93	82681	54.645	ug/l	99
47) Bromodichloromethane	9.888	83	165037	53.015	ug/l	99
48) Methyl methacrylate	9.682	41	126622	47.024	ug/l	95
49) 1,4-Dioxane	9.700	88	51559	1052.526	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	869262	246.814	ug/l	98
52) Toluene	10.629	92	307149	53.678	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	182930	52.551	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	195053	52.369	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	115996	52.683	ug/l	99
56) Ethyl methacrylate	10.882	69	194990	55.602	ug/l	94
57) 1,3-Dichloropropane	11.165	76	202641	53.055	ug/l	100
59) 2-Hexanone	11.200	43	576643	254.185	ug/l	93
60) Dibromochloromethane	11.359	129	128464	56.000	ug/l	99
61) 1,2-Dibromoethane	11.471	107	121399	53.793	ug/l	99
64) Tetrachloroethene	11.106	164	96507	54.082	ug/l	96
65) Chlorobenzene	11.888	112	336372	54.089	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	110949	55.501	ug/l	99
67) Ethyl Benzene	11.965	91	567034	52.935	ug/l	99
68) m/p-Xylenes	12.071	106	451077	110.005	ug/l	97
69) o-Xylene	12.394	106	219362	55.857	ug/l	95
70) Styrene	12.412	104	373229	55.538	ug/l	98
71) Bromoform	12.576	173	85568	57.770	ug/l #	100
73) Isopropylbenzene	12.694	105	535971	51.746	ug/l	100
74) N-amyl acetate	12.512	43	154996	42.823	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	184105	52.467	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	172985m	51.185	ug/l	
77) Bromobenzene	12.976	156	130562	54.964	ug/l	94
78) n-propylbenzene	13.035	91	625891	49.723	ug/l	99
79) 2-Chlorotoluene	13.123	91	380272	50.375	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	437368	51.145	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	73016	49.733	ug/l	90
82) 4-Chlorotoluene	13.218	91	391800	51.295	ug/l	98
83) tert-Butylbenzene	13.435	119	378819	48.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	445991	52.009	ug/l	100
85) sec-Butylbenzene	13.612	105	538763	47.394	ug/l	100
86) p-Isopropyltoluene	13.723	119	449281	47.811	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	247185	52.890	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	253319	53.165	ug/l	99
89) n-Butylbenzene	14.053	91	389128	42.752	ug/l	99
90) Hexachloroethane	14.329	117	80747	50.694	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	236809	52.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41104	48.981	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	134773	47.005	ug/l	100
94) Hexachlorobutadiene	15.500	225	39567	37.040	ug/l	99
95) Naphthalene	15.635	128	535992	50.223	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	129799	45.564	ug/l	100

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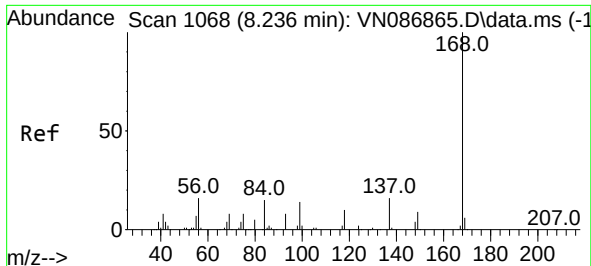
Manual Integrations
APPROVED

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QLast Update : Sat Jun 07 02:12:50 2025
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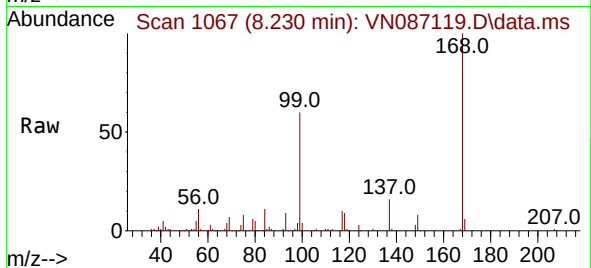
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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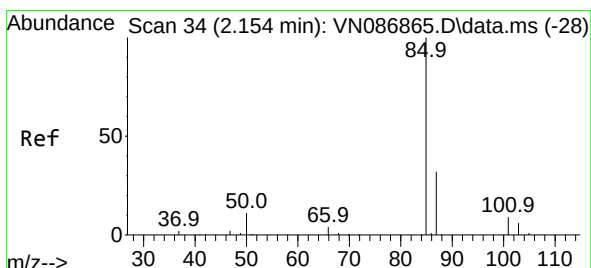
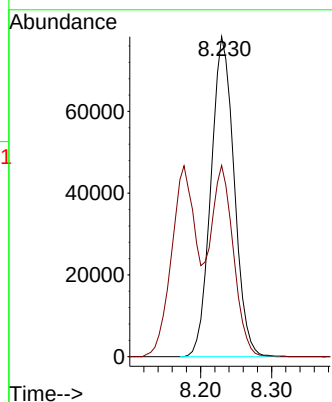
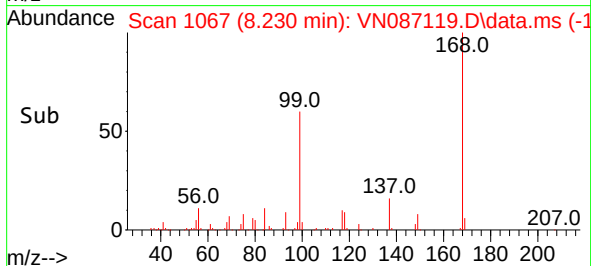
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion:168 Resp: 17748
Ion Ratio Lower Upper
168 100
99 59.6 49.1 73.7

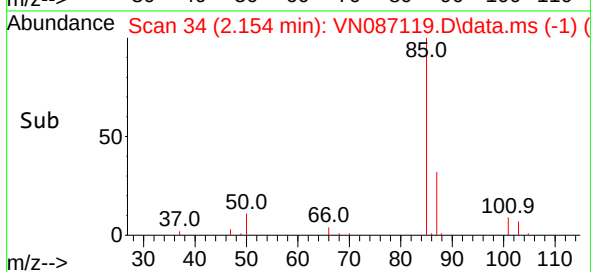
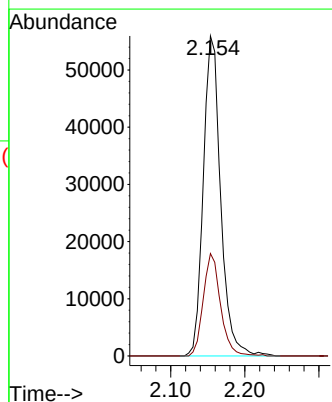
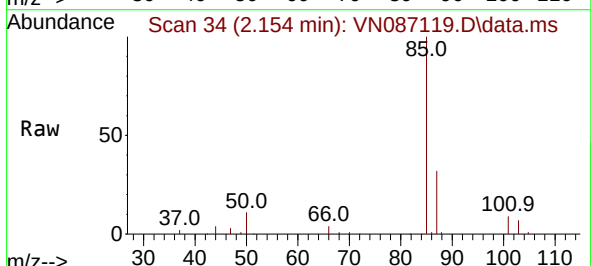
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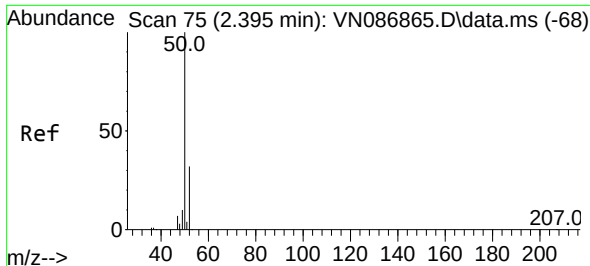
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 51.478 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

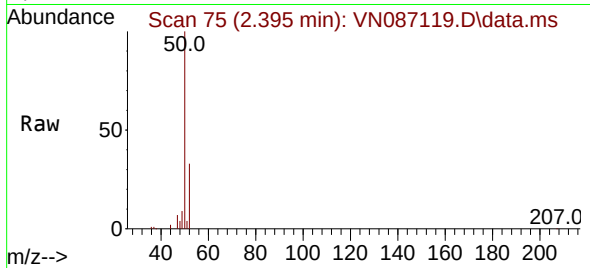
Tgt Ion: 85 Resp: 91097
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3
Chloromethane
Concen: 45.140 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

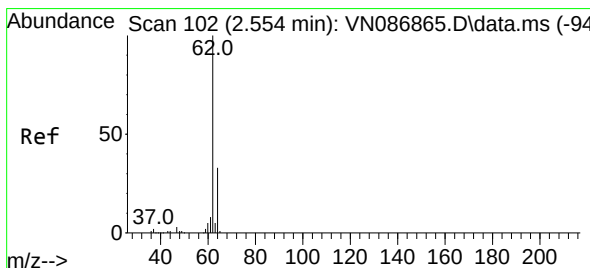
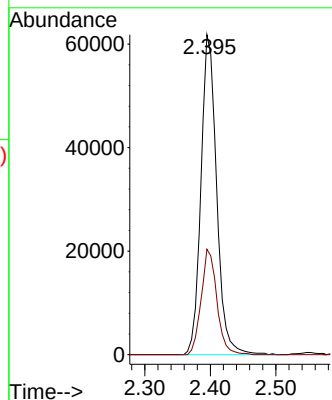
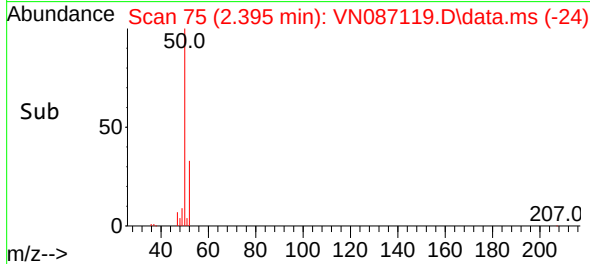
Instrument :
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Tgt Ion: 50 Resp: 10315
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

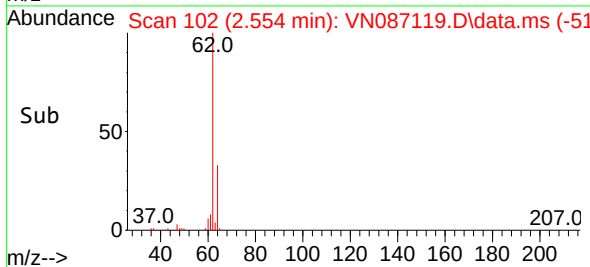
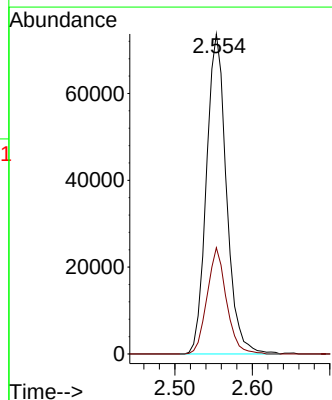
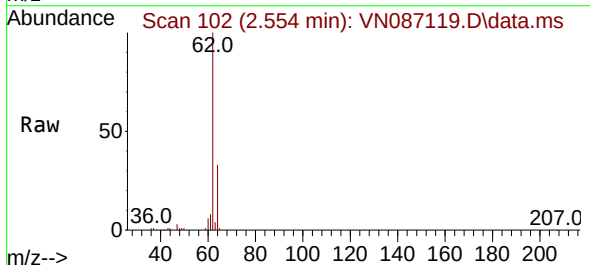
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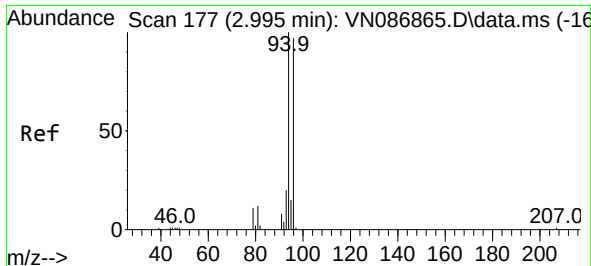
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 56.075 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087119.D
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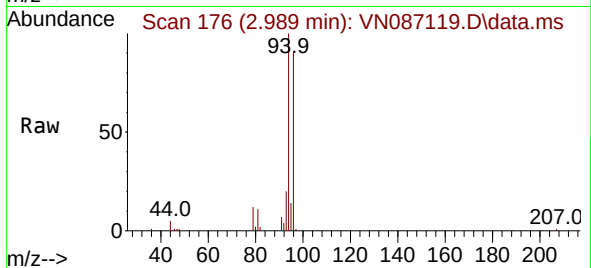
Tgt Ion: 62 Resp: 132183
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0





#5
Bromomethane
Concen: 54.057 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087119.D
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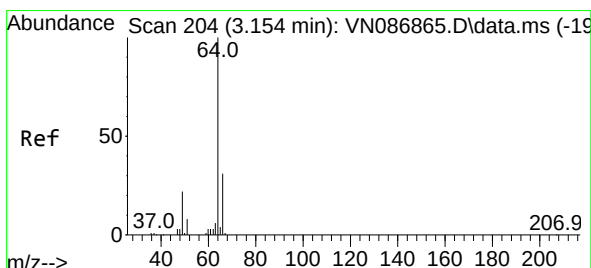
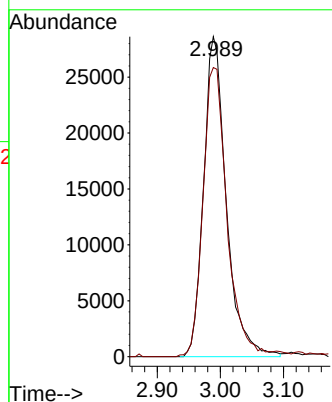
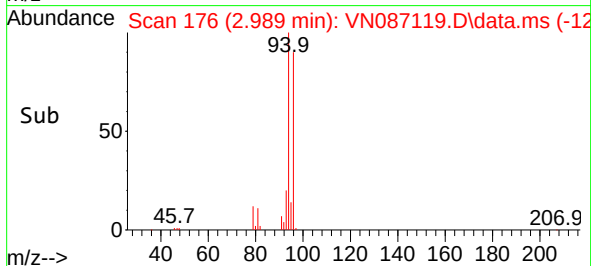
Instrument :
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Tgt Ion: 94 Resp: 71309
Ion Ratio Lower Upper
94 100
96 89.8 77.9 116.9

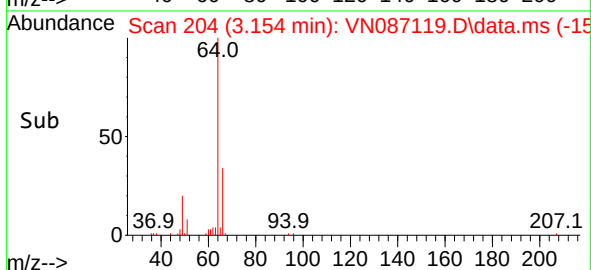
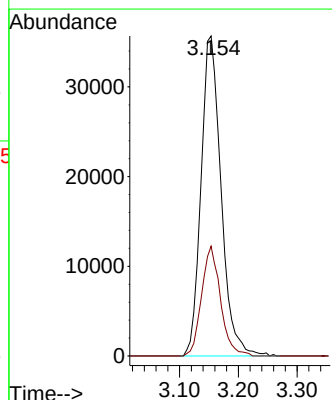
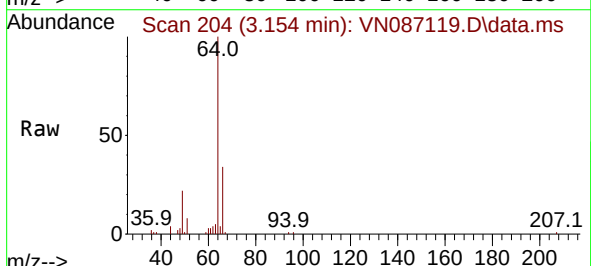
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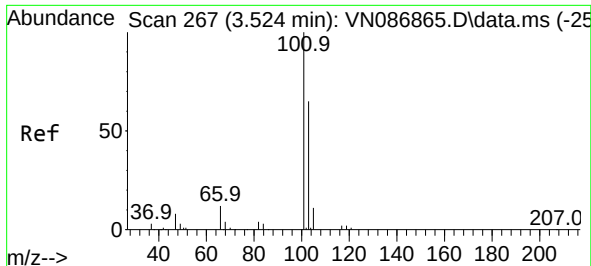
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#6
Chloroethane
Concen: 55.503 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087119.D
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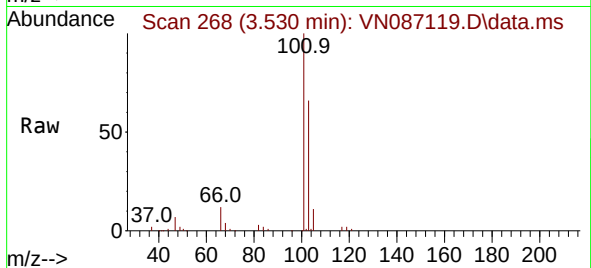
Tgt Ion: 64 Resp: 84512
Ion Ratio Lower Upper
64 100
66 34.3 24.6 36.8





#7
Trichlorofluoromethane
Concen: 54.699 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

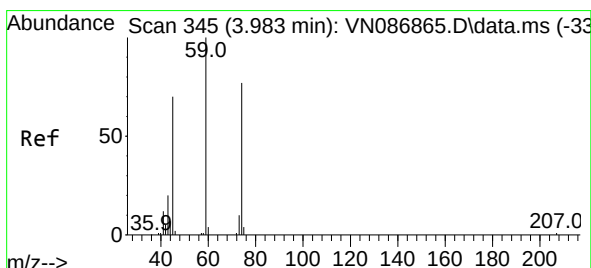
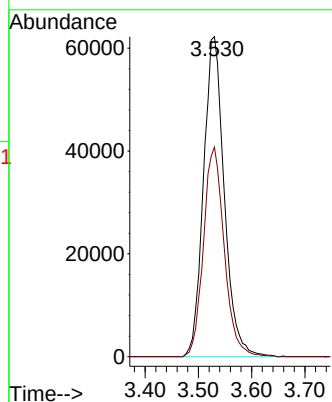
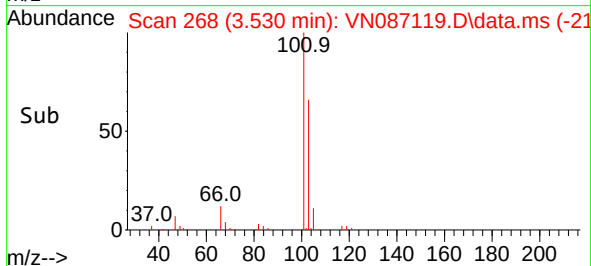
Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 16846
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2

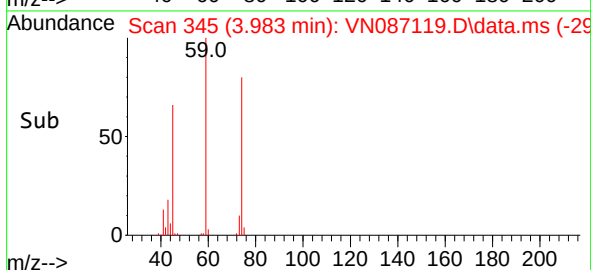
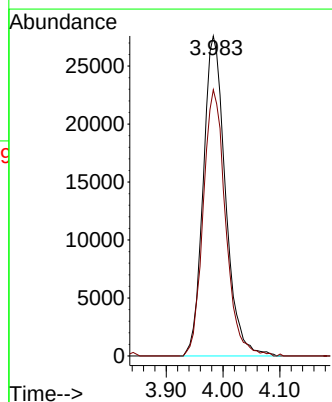
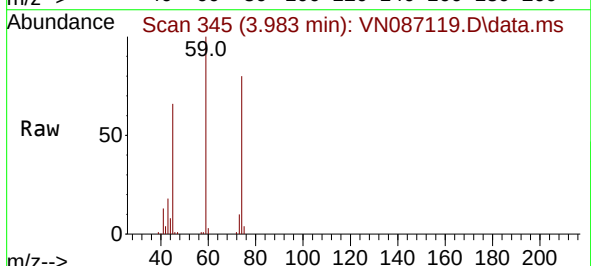
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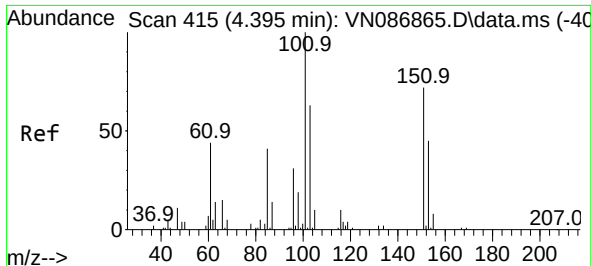
Reviewed By :John Carlone 06/20/2025
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#8
Diethyl Ether
Concen: 55.746 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 74805
Ion Ratio Lower Upper
74 100
45 83.7 45.5 136.5





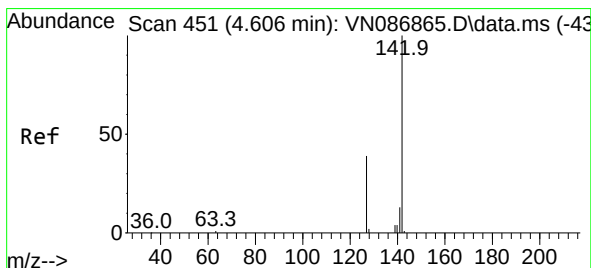
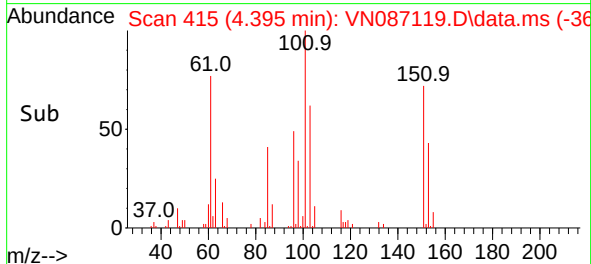
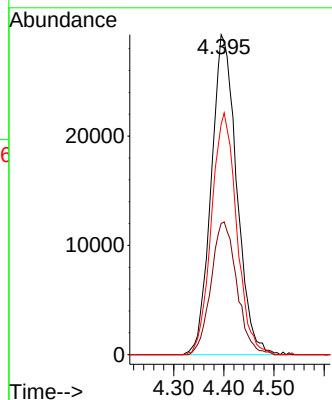
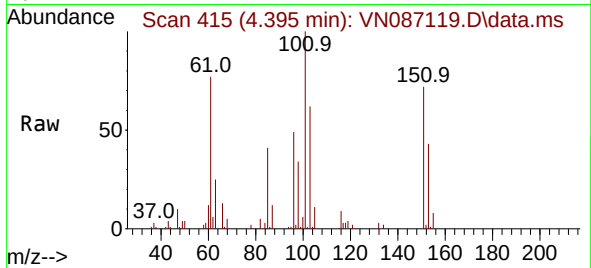
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.492 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD

Tgt Ion:101 Resp: 10350
Ion Ratio Lower Upper
101 100
85 41.9 33.8 50.8
151 74.6 58.7 88.1

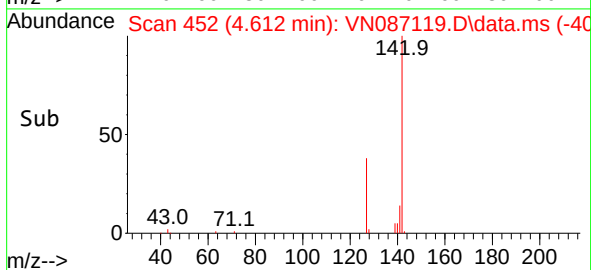
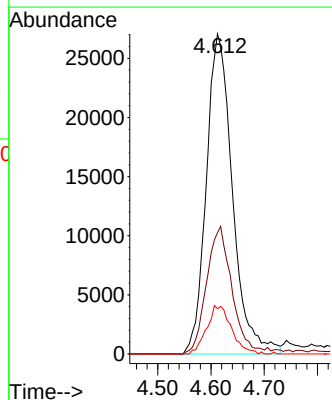
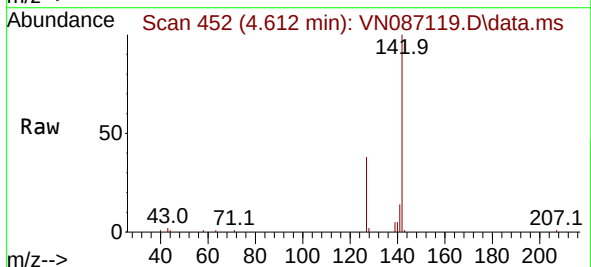
Manual Integrations
APPROVED

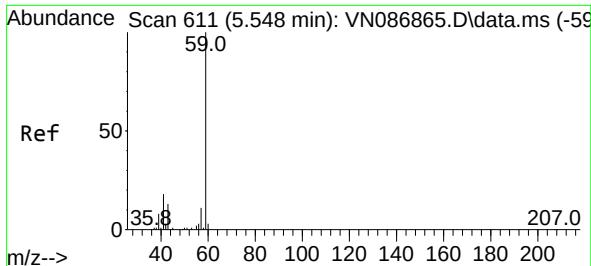
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 36.888 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

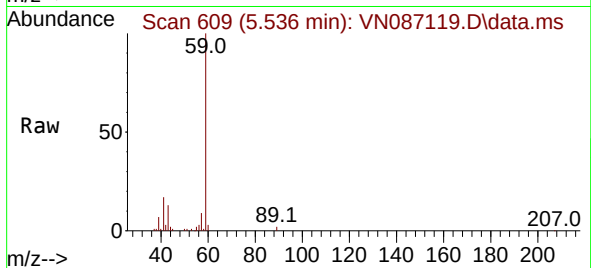
Tgt Ion:142 Resp: 92527
Ion Ratio Lower Upper
142 100
127 37.9 30.9 46.3
141 14.1 10.4 15.6





#11
Tert butyl alcohol
Concen: 243.326 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

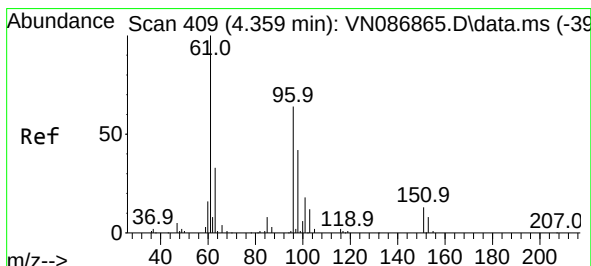
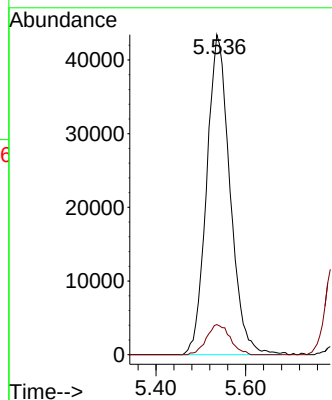
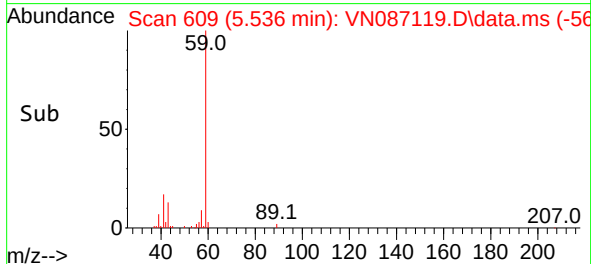
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



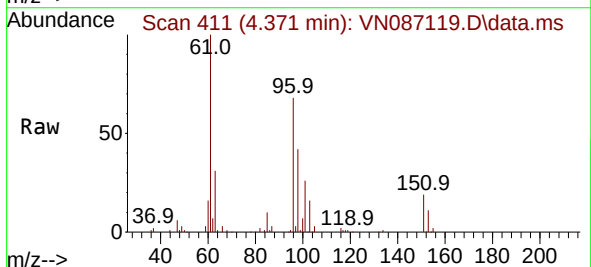
Tgt Ion: 59 Resp: 15689
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1

Manual Integrations
APPROVED

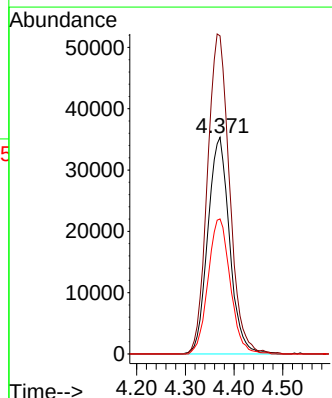
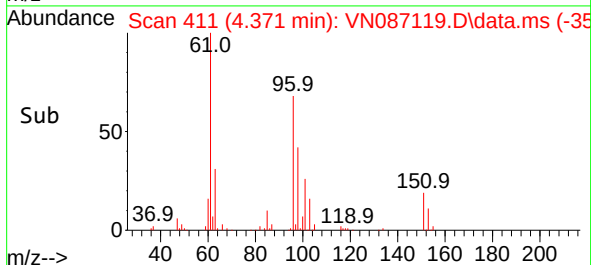
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

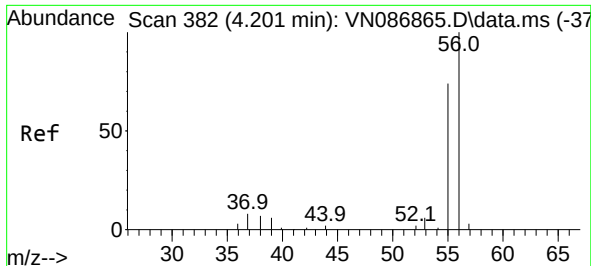


#12
1,1-Dichloroethene
Concen: 55.301 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



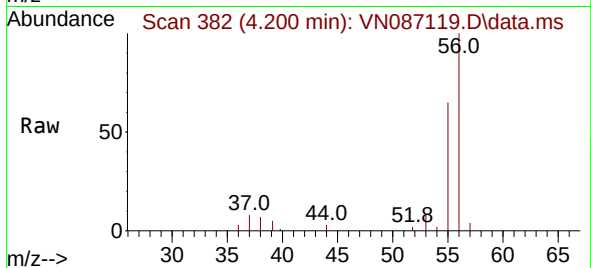
Tgt Ion: 96 Resp: 109245
Ion Ratio Lower Upper
96 100
61 146.9 125.8 188.6
98 62.4 52.5 78.7





#13
Acrolein
Concen: 207.340 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

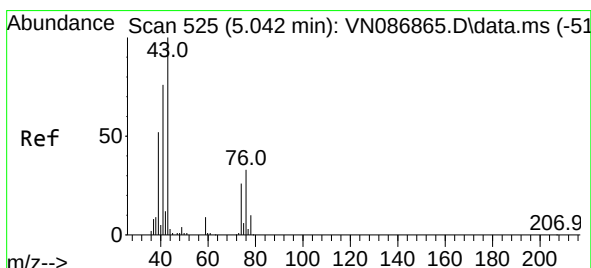
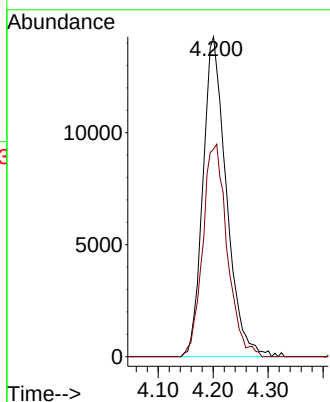
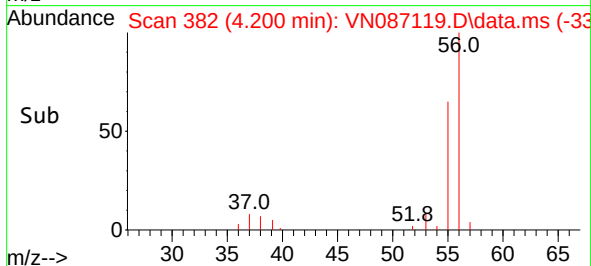
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MSD



Tgt Ion: 56 Resp: 42318
Ion Ratio Lower Upper
56 100
55 69.3 55.6 83.4

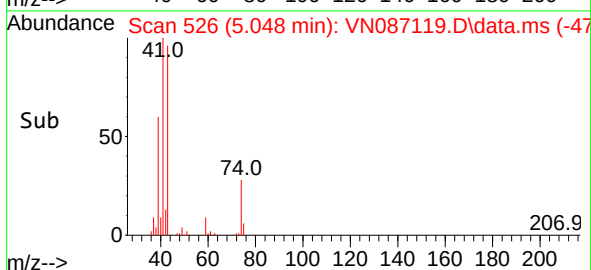
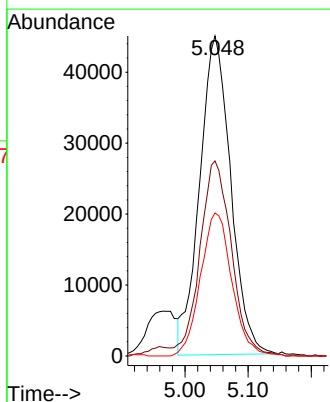
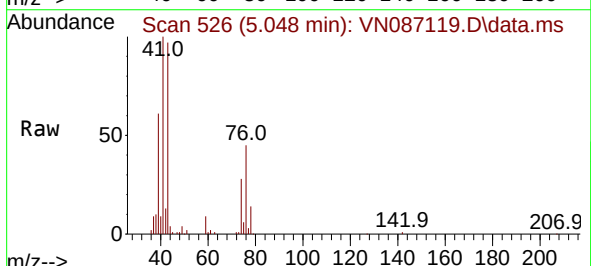
Manual Integrations
APPROVED

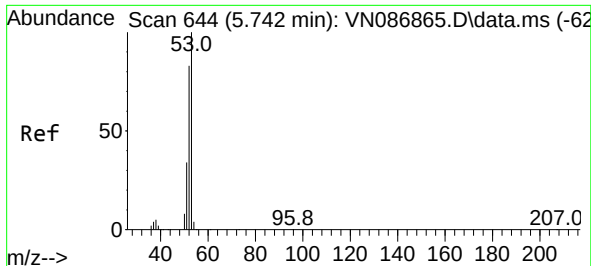
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 46.871 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

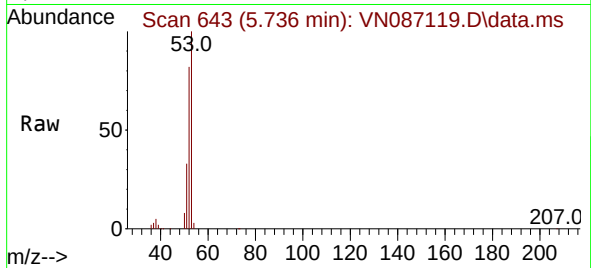
Tgt Ion: 41 Resp: 153558
Ion Ratio Lower Upper
41 100
39 62.2 51.3 76.9
76 45.3 31.4 47.0





#15
Acrylonitrile
Concen: 252.842 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

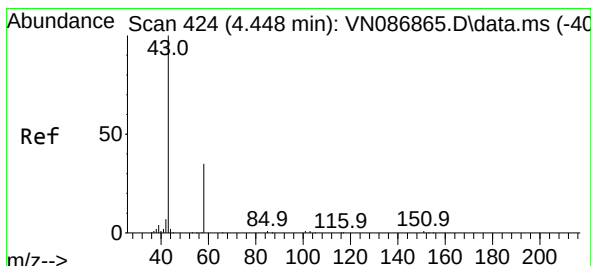
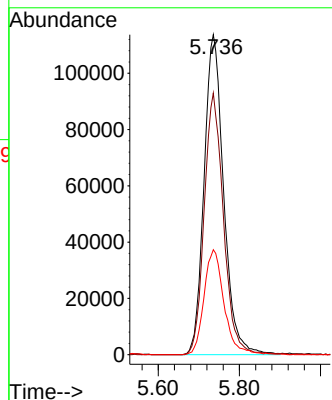
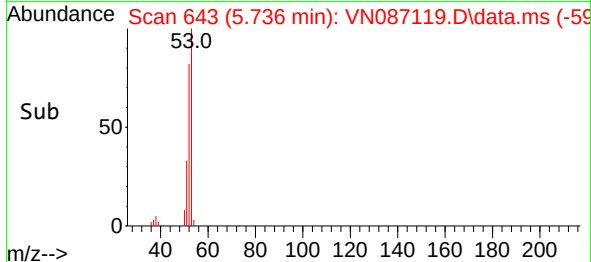
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 53 Resp: 38106
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.6
51 33.7 27.2 40.8

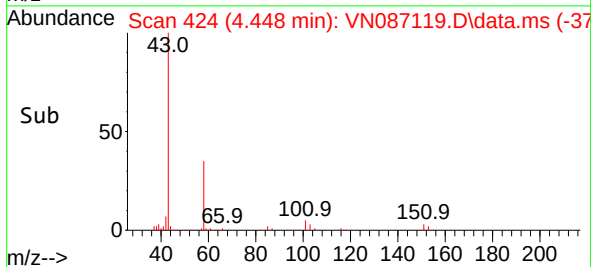
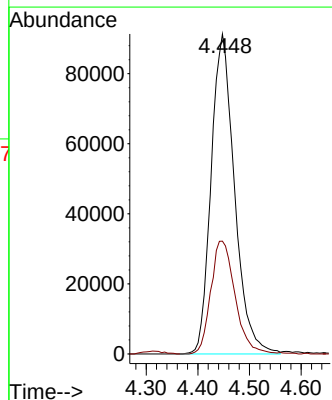
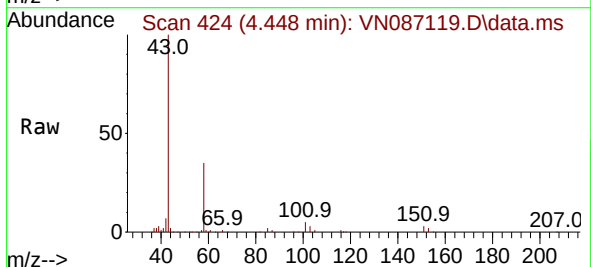
Manual Integrations
APPROVED

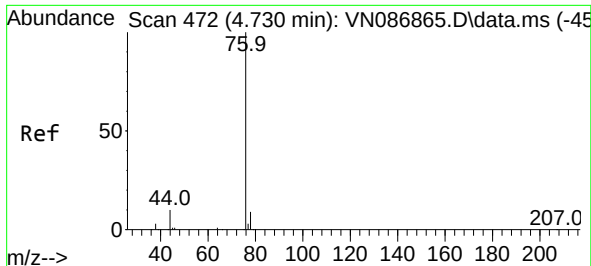
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 227.682 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

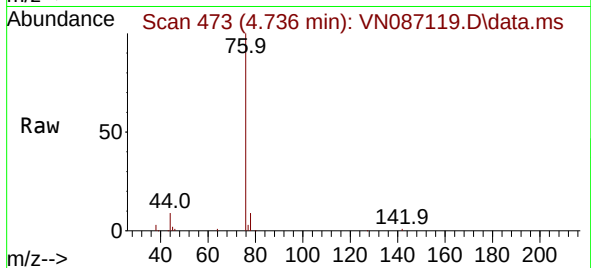
Tgt Ion: 43 Resp: 286922
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#17
Carbon Disulfide
Concen: 56.642 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

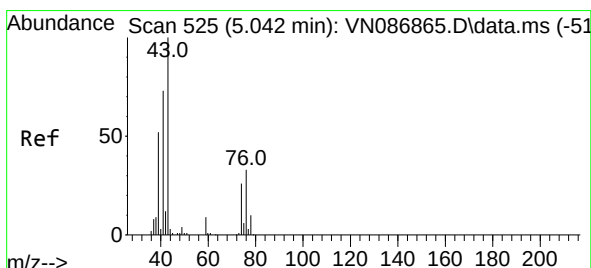
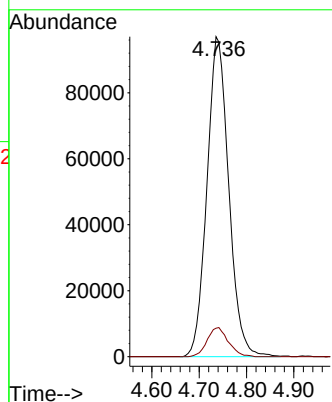
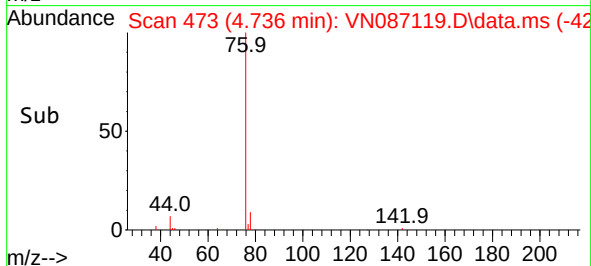
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 76 Resp: 30951
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

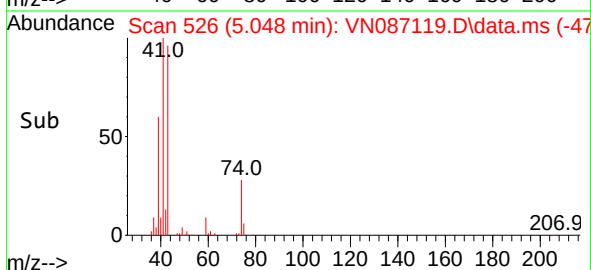
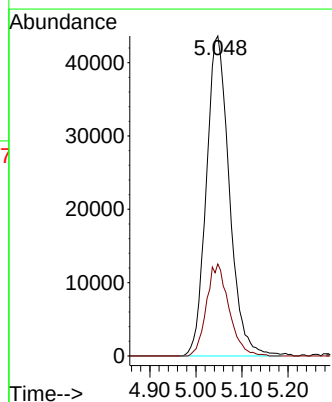
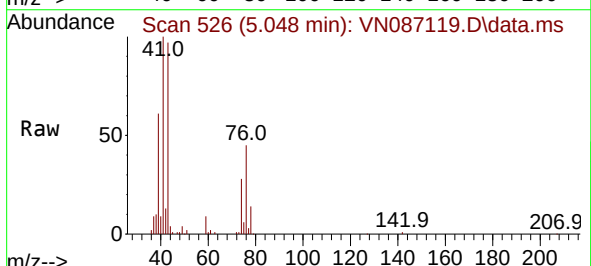
Manual Integrations
APPROVED

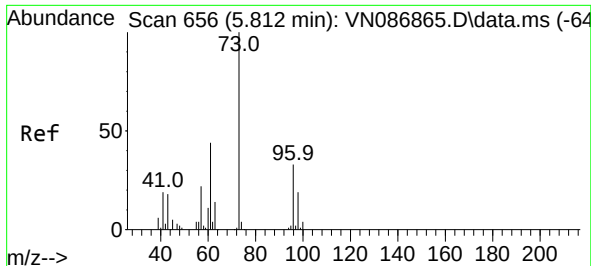
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 41.293 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

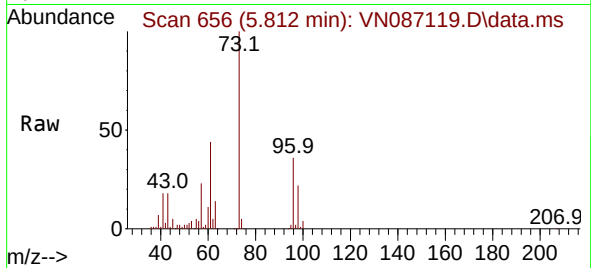
Tgt Ion: 43 Resp: 151644
Ion Ratio Lower Upper
43 100
74 28.2 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 52.338 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

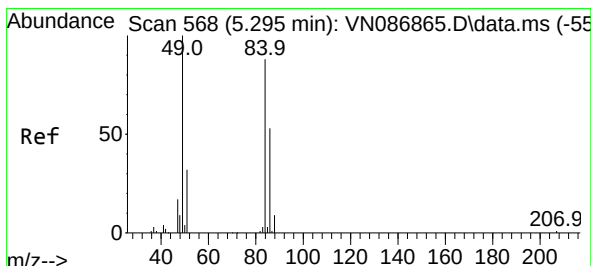
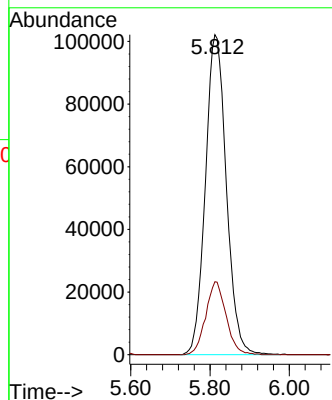
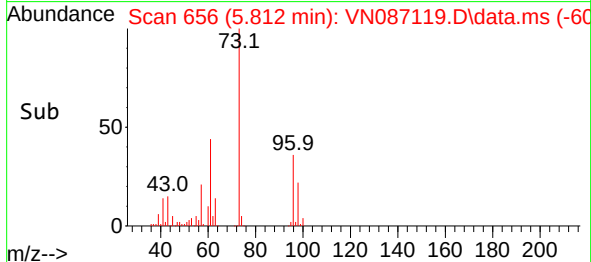
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 73 Resp: 37436
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

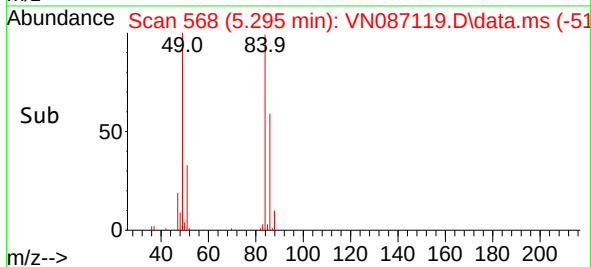
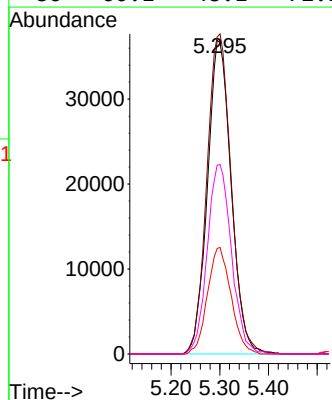
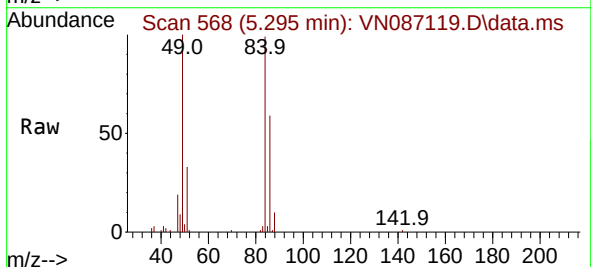
Manual Integrations
APPROVED

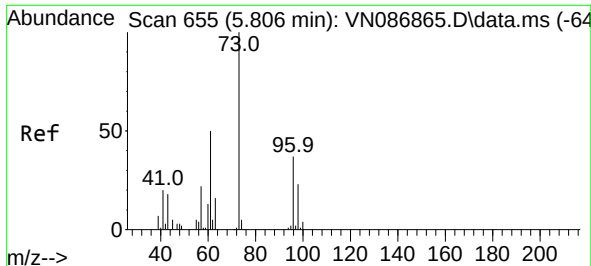
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 53.036 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

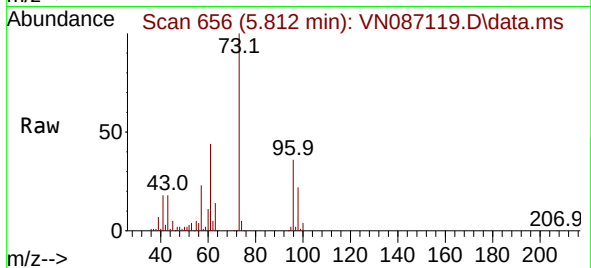
Tgt Ion: 84 Resp: 125128
Ion Ratio Lower Upper
84 100
49 101.1 90.5 135.7
51 33.6 28.5 42.7
86 60.1 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 53.301 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

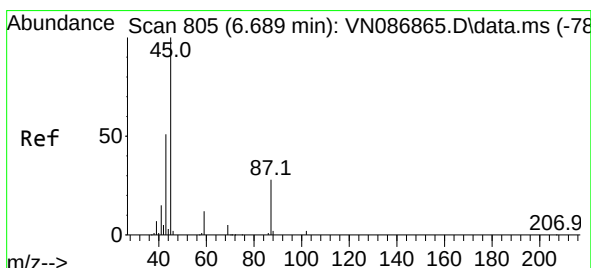
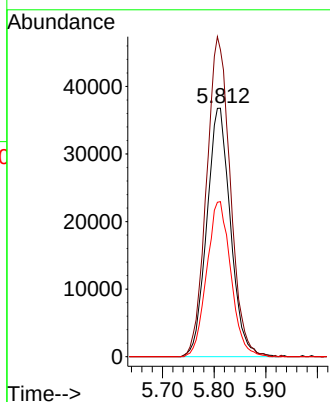
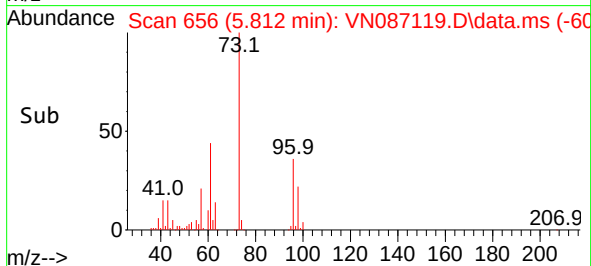
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



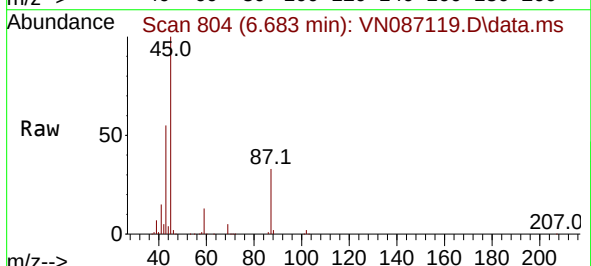
Tgt Ion: 96 Resp: 117148
Ion Ratio Lower Upper
96 100
61 123.5 109.2 163.8
98 62.4 49.8 74.8

Manual Integrations
APPROVED

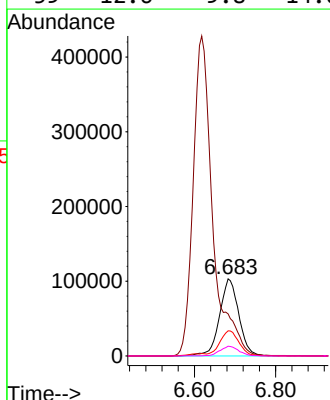
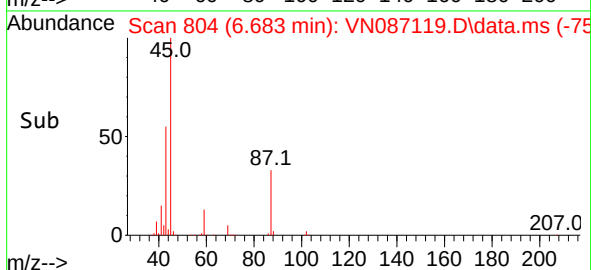
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

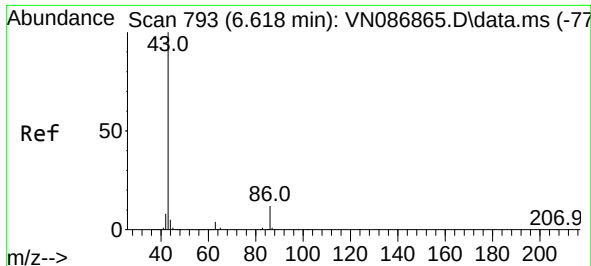


#22
Diisopropyl ether
Concen: 49.286 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



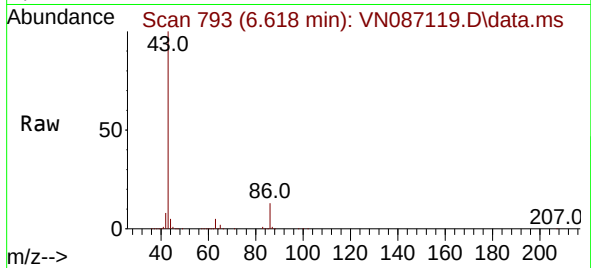
Tgt Ion: 45 Resp: 340365
Ion Ratio Lower Upper
45 100
43 54.0 41.9 62.9
87 32.5 22.4 33.6
59 12.6 9.8 14.6





#23
 Vinyl Acetate
 Concen: 245.547 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

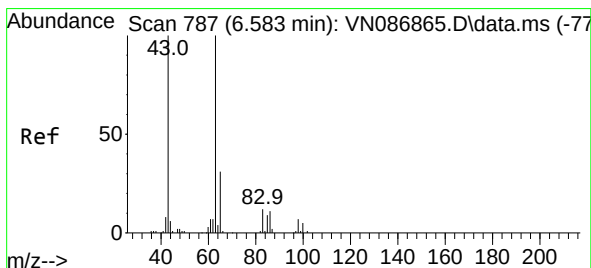
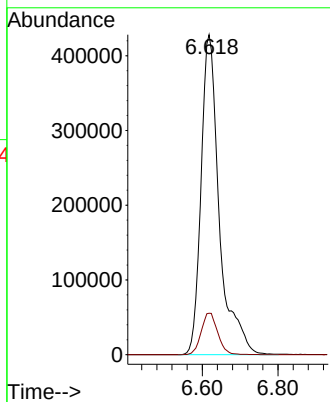
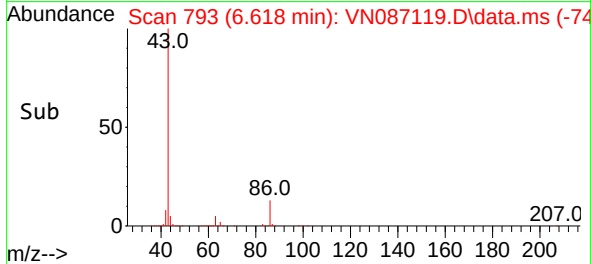
Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MSD



Tgt Ion: 43 Resp: 1432710
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3

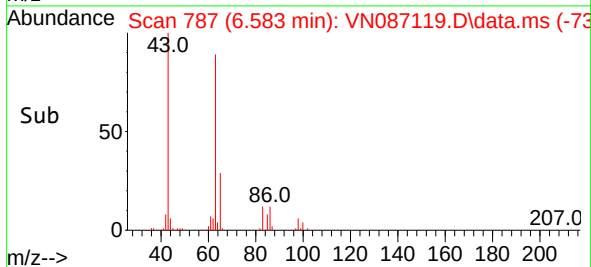
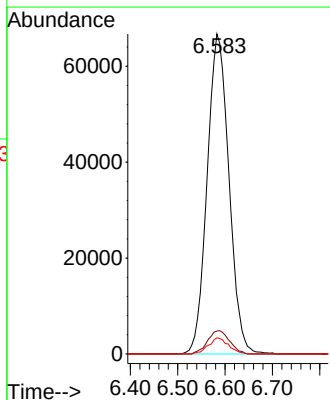
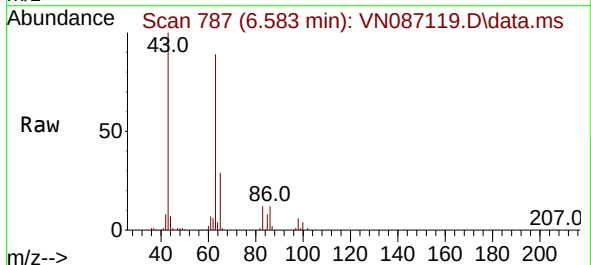
Manual Integrations
 APPROVED

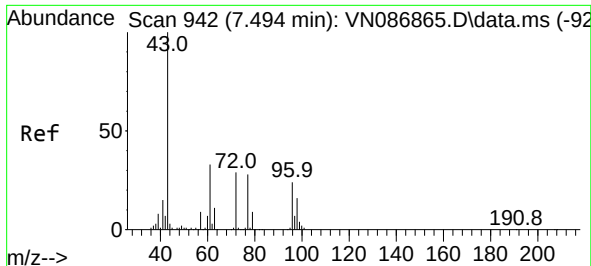
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 53.751 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

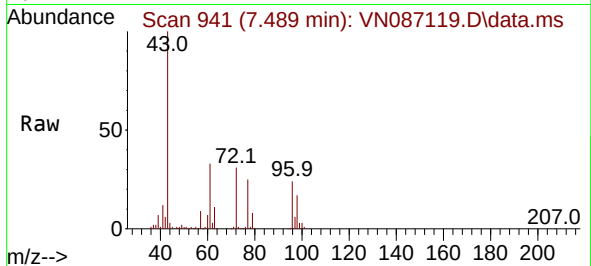
Tgt Ion: 63 Resp: 213618
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 5.0 2.6 7.8





#25
2-Butanone
Concen: 233.627 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

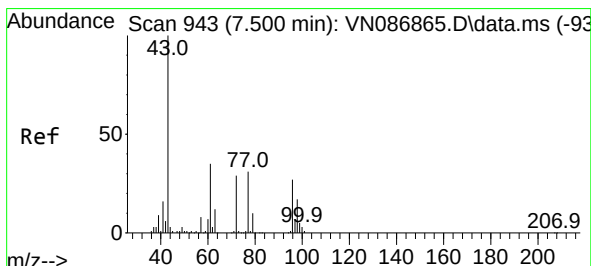
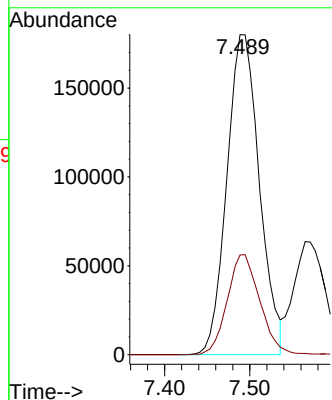
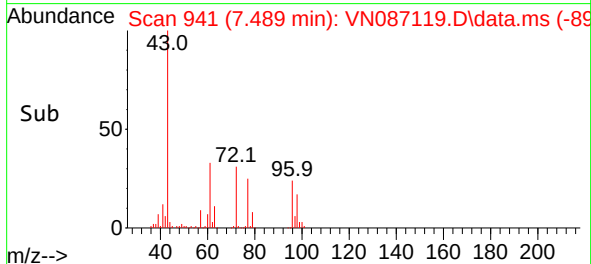
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 43 Resp: 478559
Ion Ratio Lower Upper
43 100
72 31.1 23.0 34.6

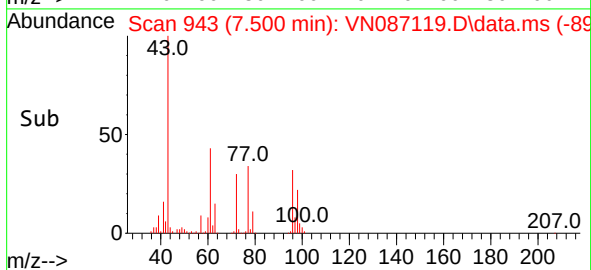
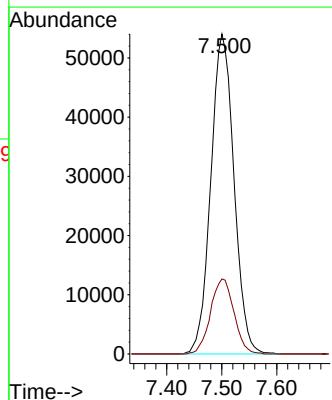
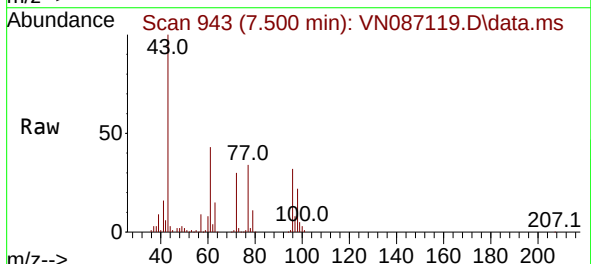
Manual Integrations
APPROVED

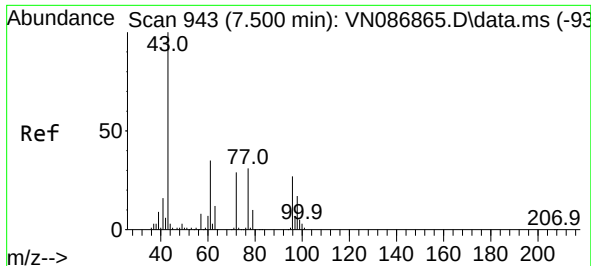
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 51.163 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

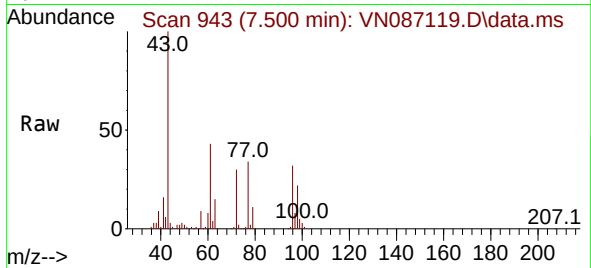
Tgt Ion: 77 Resp: 158168
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 53.896 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

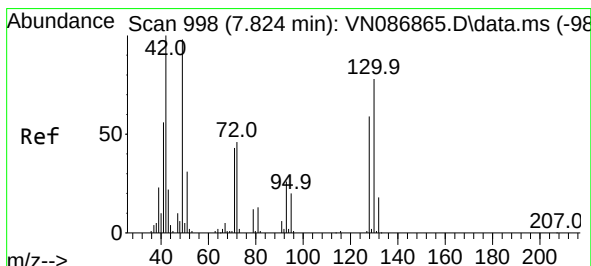
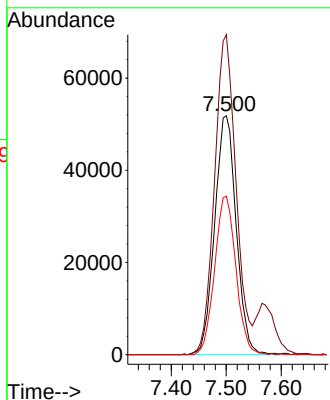
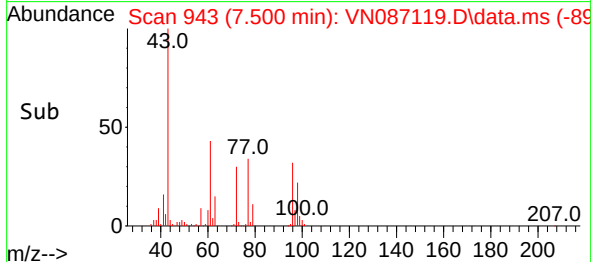
Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MSD



Tgt Ion: 96 Resp: 141660
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 278.0
 98 65.3 0.0 128.2

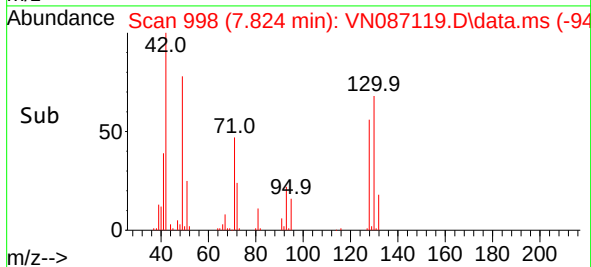
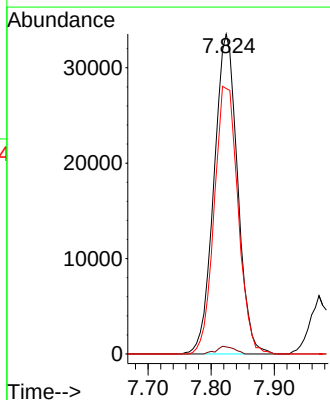
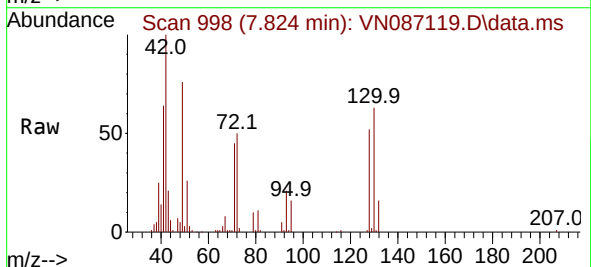
Manual Integrations
 APPROVED

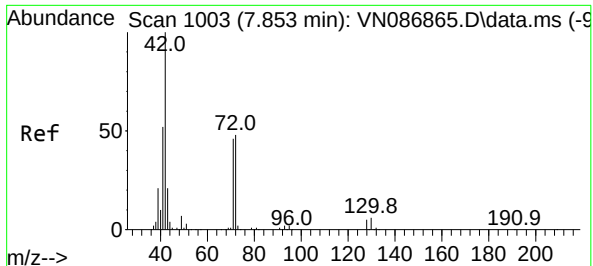
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 44.499 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

Tgt Ion: 49 Resp: 86952
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 84.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 233.785 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MSD

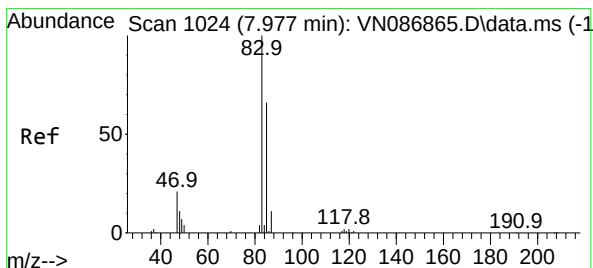
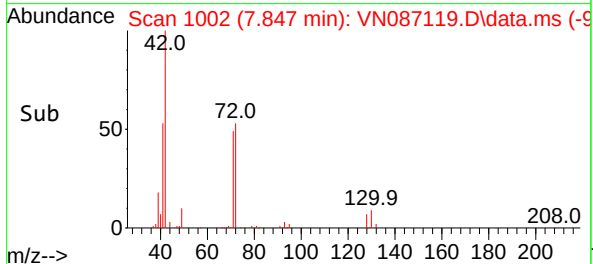
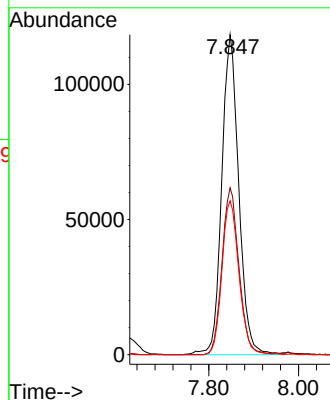
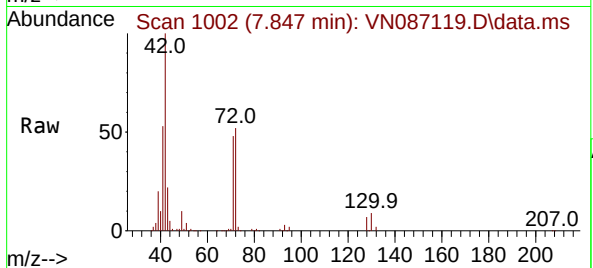
Tgt Ion:	42	Resp:	31195
Ion Ratio	Lower	Upper	
42	100		
72	51.7	37.8	56.6
71	48.2	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 52.659 ug/l

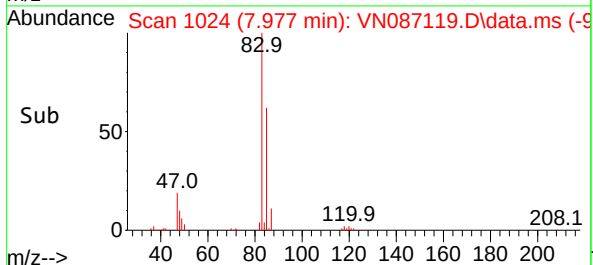
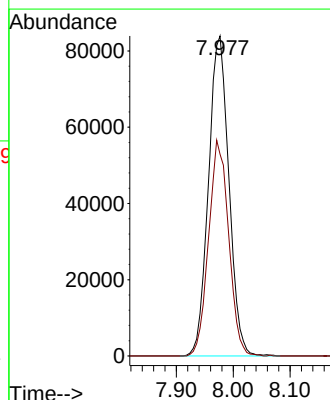
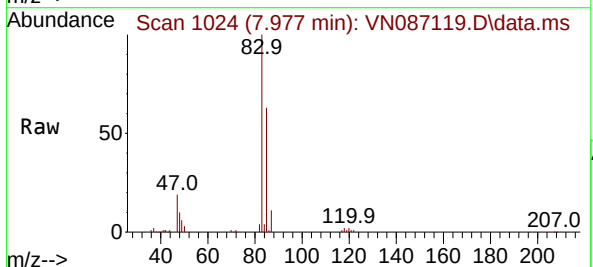
RT: 7.977 min Scan# 1024

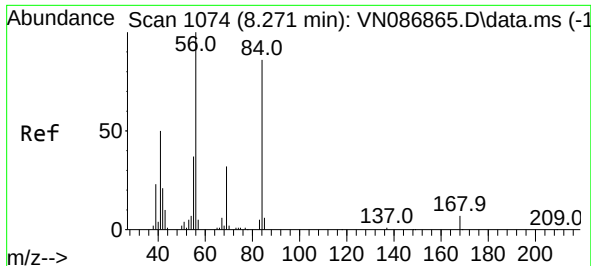
Delta R.T. -0.000 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

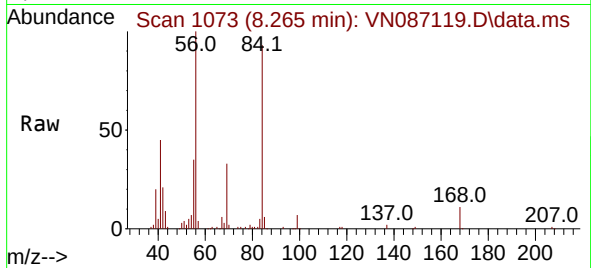
Tgt Ion:	83	Resp:	208999
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.9	79.3





#31
Cyclohexane
Concen: 47.251 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

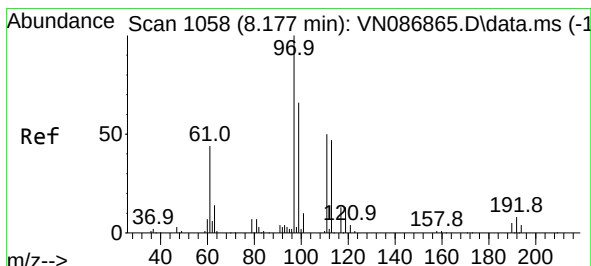
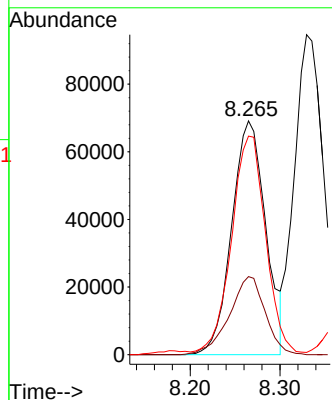
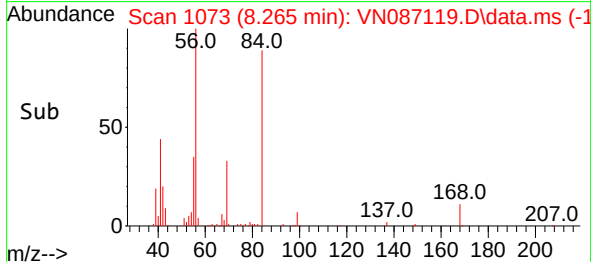
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 56 Resp: 18211
Ion Ratio Lower Upper
56 100
69 33.4 25.4 38.0
84 92.2 68.8 103.2

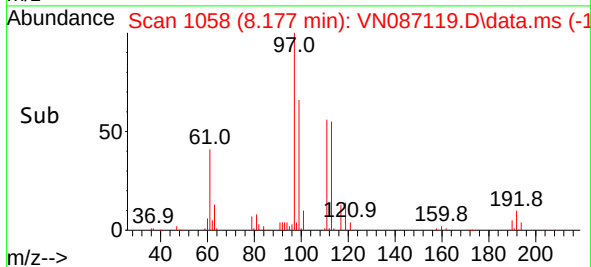
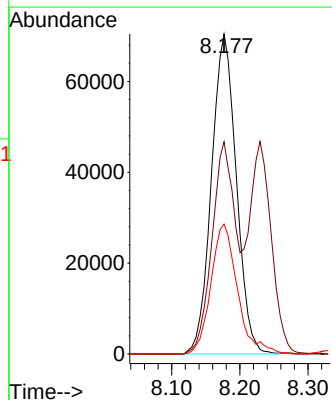
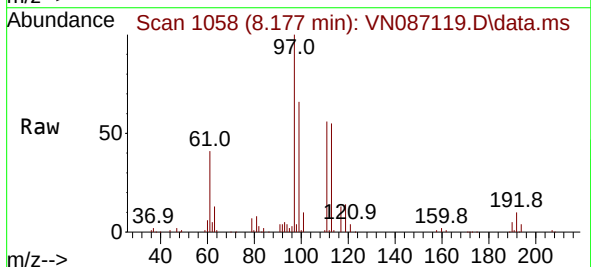
Manual Integrations
APPROVED

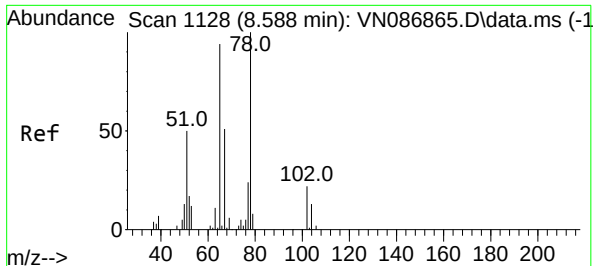
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 52.950 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Tgt Ion: 97 Resp: 178740
Ion Ratio Lower Upper
97 100
99 61.7 52.0 78.0
61 43.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.742 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MSD

Tgt Ion: 65 Resp: 10632

Ion Ratio Lower Upper

65 100

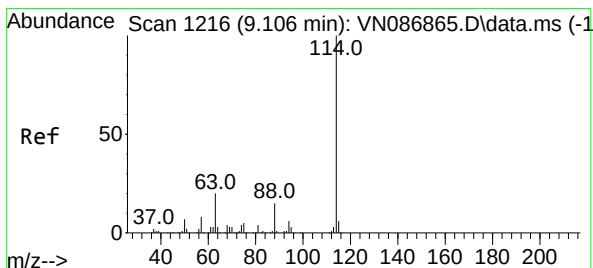
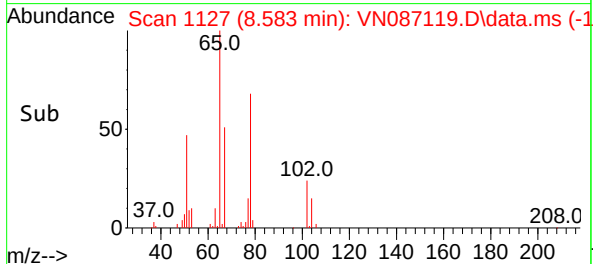
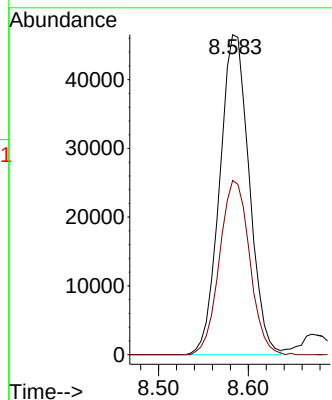
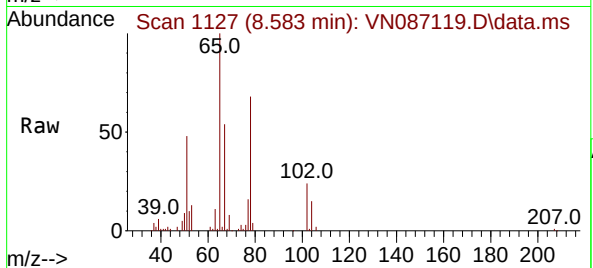
67 55.5 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

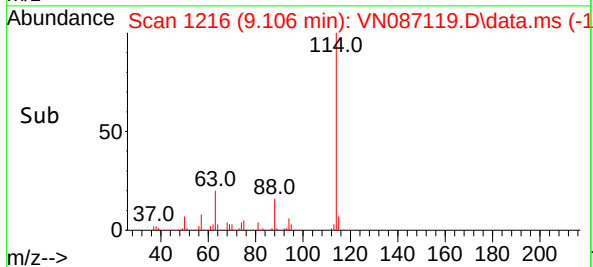
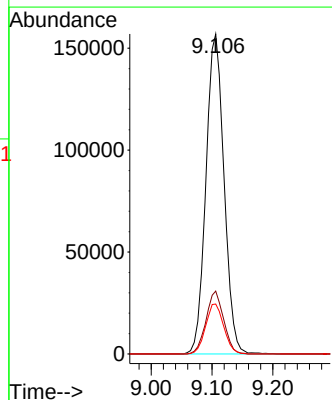
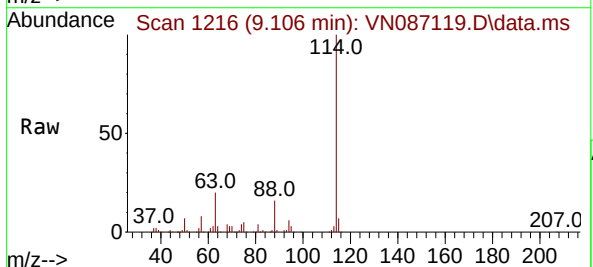
Tgt Ion:114 Resp: 324249

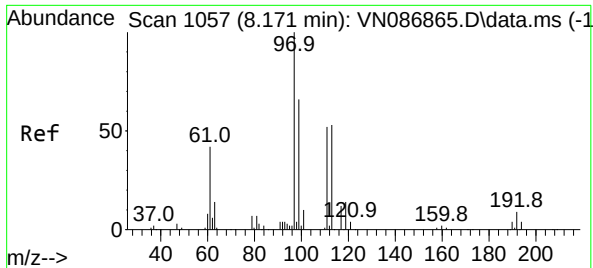
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

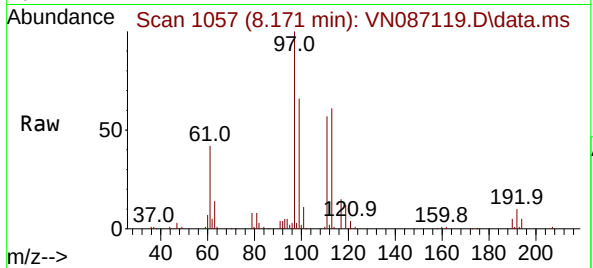
88 15.6 0.0 30.2





#35
Dibromofluoromethane
Concen: 49.076 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

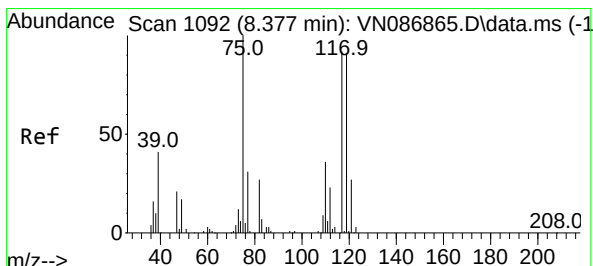
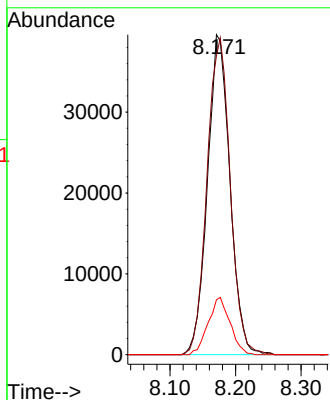
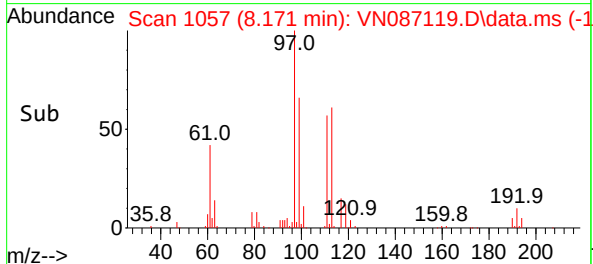
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



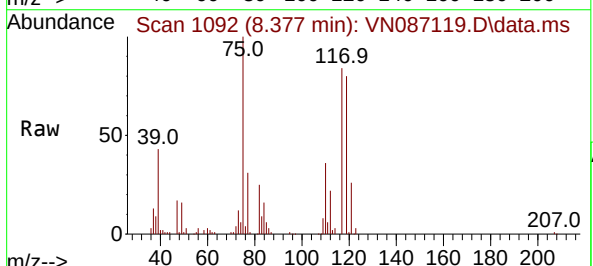
Tgt Ion: 113 Resp: 94304
Ion Ratio Lower Upper
113 100
111 101.9 84.2 126.2
192 17.4 14.2 21.4

Manual Integrations
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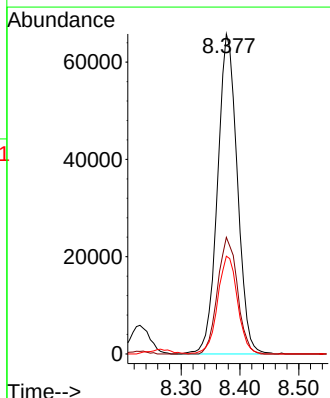
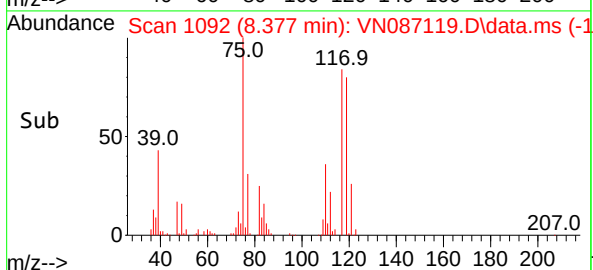
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

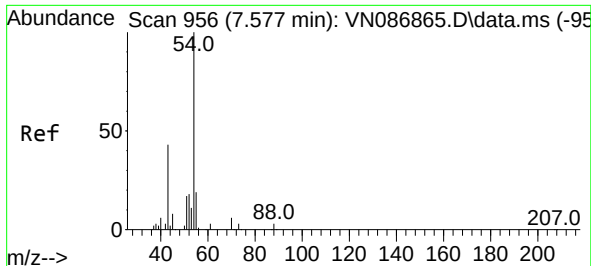


#36
1,1-Dichloropropene
Concen: 53.717 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



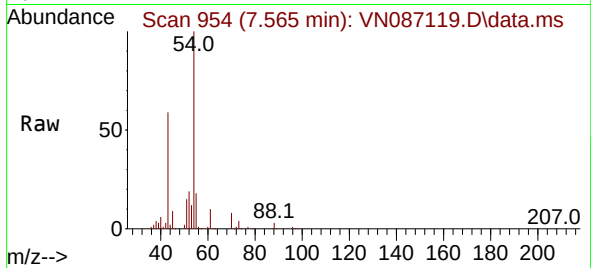
Tgt Ion: 75 Resp: 153809
Ion Ratio Lower Upper
75 100
110 36.6 17.6 52.9
77 30.8 25.3 37.9





#37
Ethyl Acetate
Concen: 47.551 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

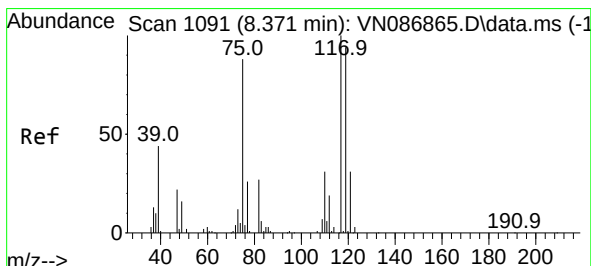
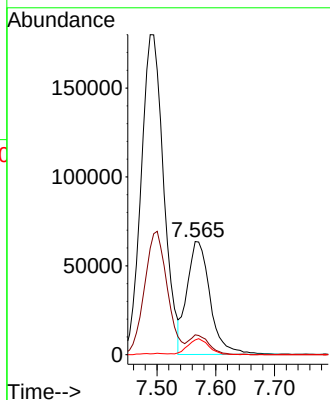
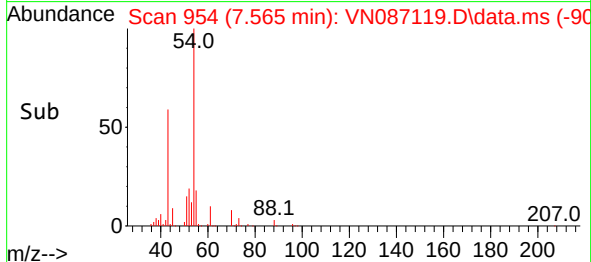
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 43 Resp: 173329
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 12.8 9.8 14.6

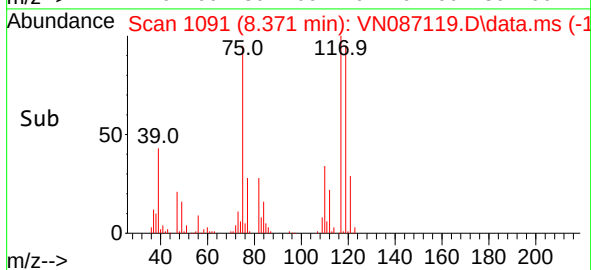
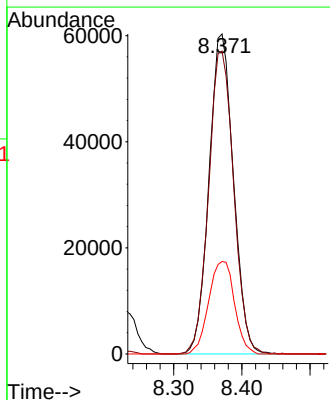
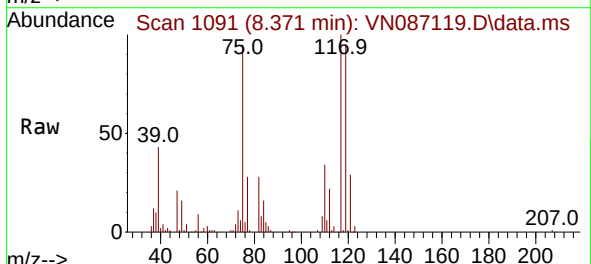
Manual Integrations
APPROVED

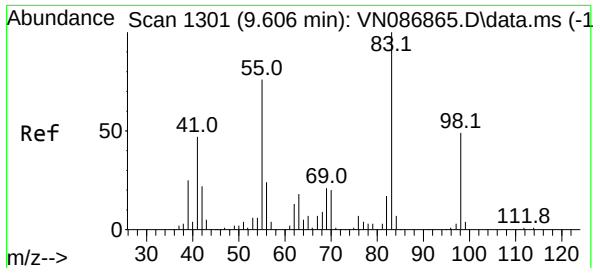
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 53.493 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

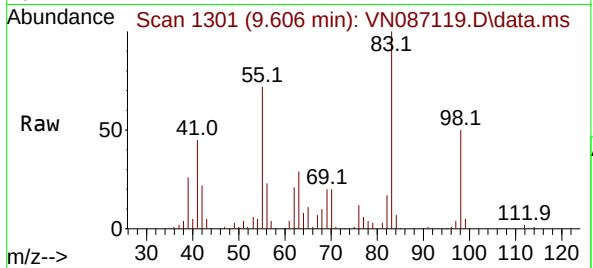
Tgt Ion:117 Resp: 150377
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
121 28.9 24.9 37.3





#39
Methylcyclohexane
Concen: 44.558 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

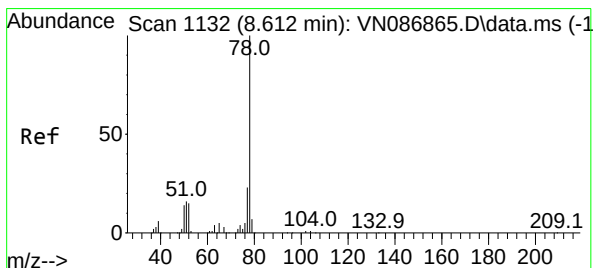
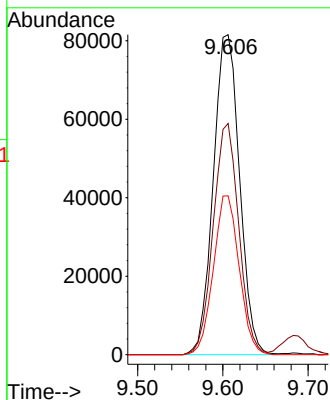
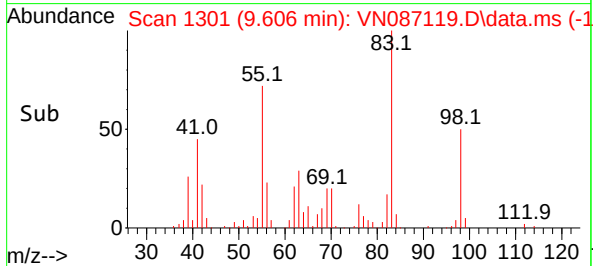
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 83 Resp: 174790
Ion Ratio Lower Upper
83 100
55 72.3 61.0 91.6
98 49.7 38.9 58.3

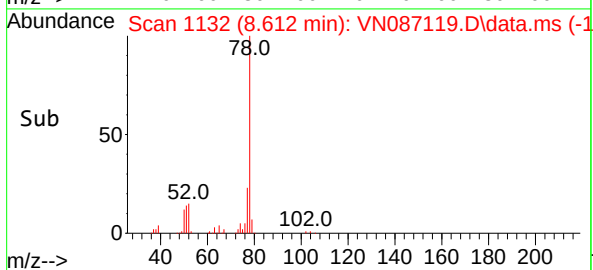
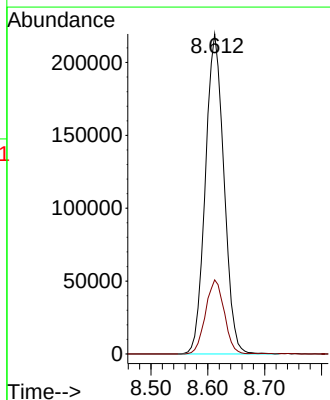
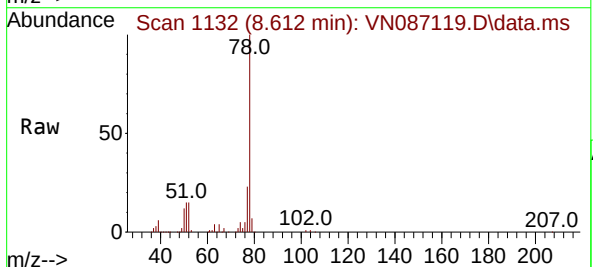
Manual Integrations
APPROVED

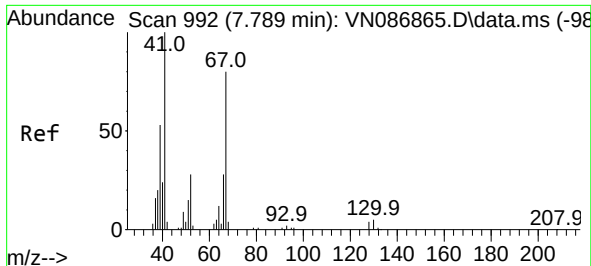
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#40
Benzene
Concen: 53.139 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

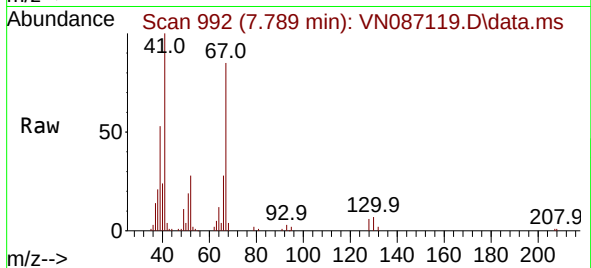
Tgt Ion: 78 Resp: 497556
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 45.624 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

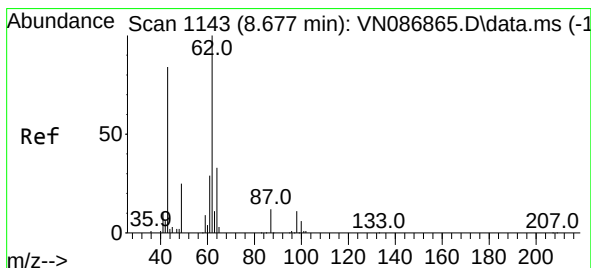
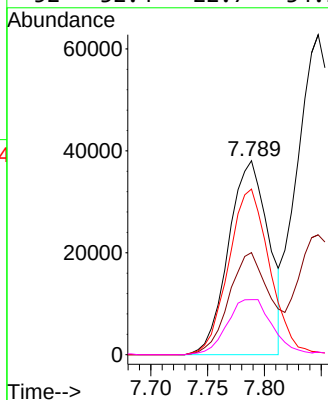
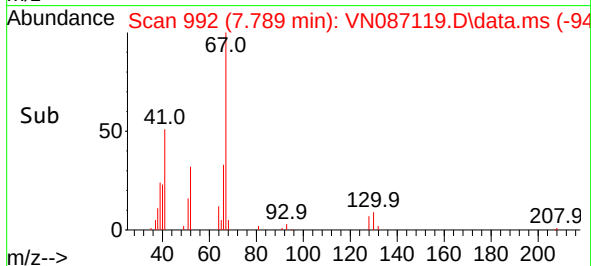
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion:	41	Resp:	9339
Ion Ratio	Lower	Upper	
41	100		
39	55.1	41.2	61.8
67	88.3	61.4	92.2
52	32.4	22.7	34.1

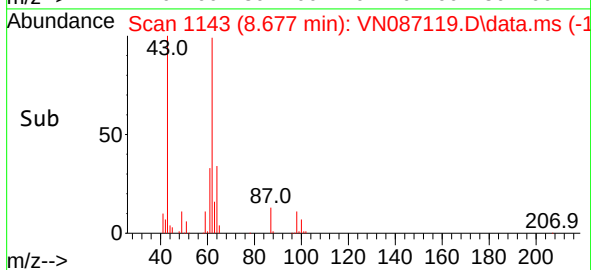
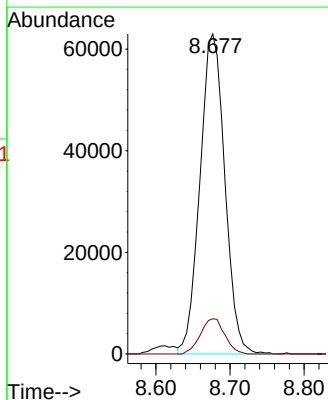
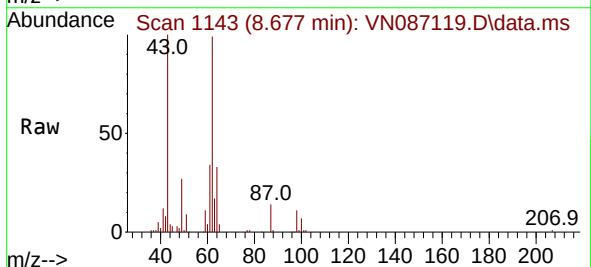
Manual Integrations
APPROVED

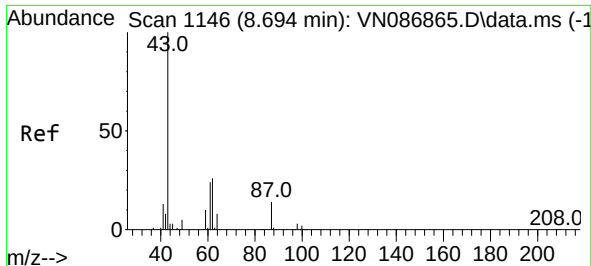
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 51.700 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

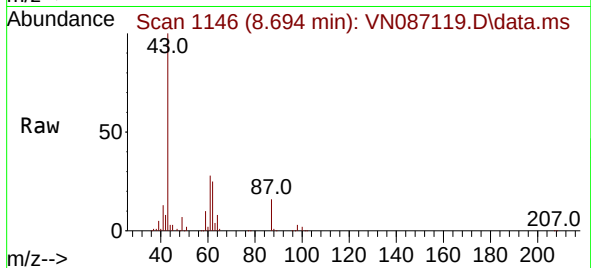
Tgt Ion:	62	Resp:	146825
Ion Ratio	Lower	Upper	
62	100		
98	10.8	0.0	21.2





#43
Isopropyl Acetate
Concen: 46.148 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

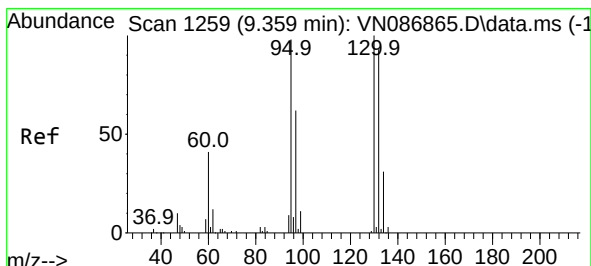
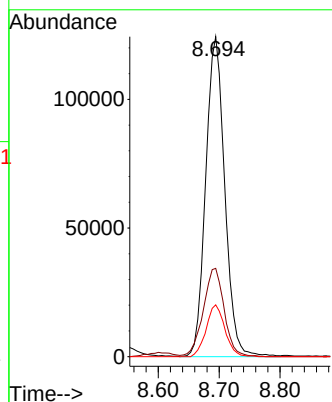
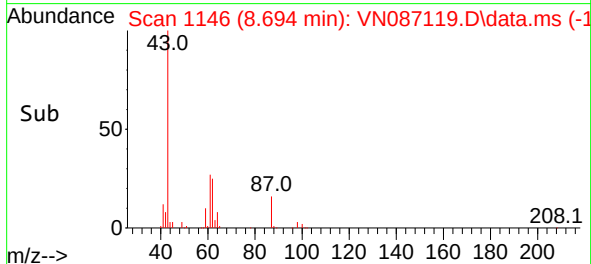
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 43 Resp: 269980
Ion Ratio Lower Upper
43 100
61 30.4 22.1 33.1
87 16.0 11.8 17.6

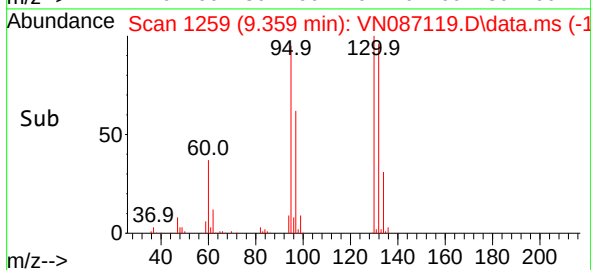
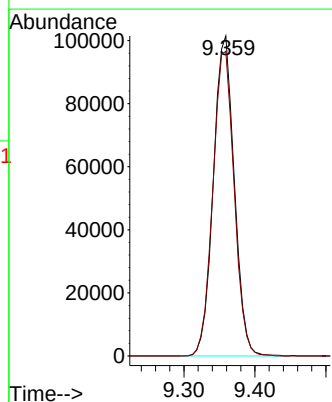
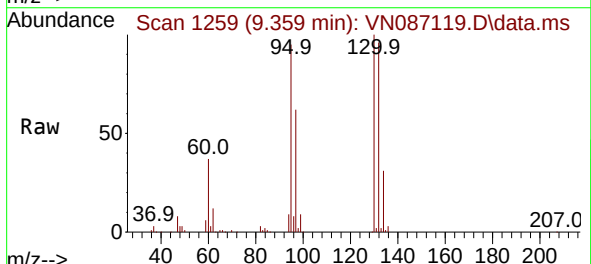
Manual Integrations
APPROVED

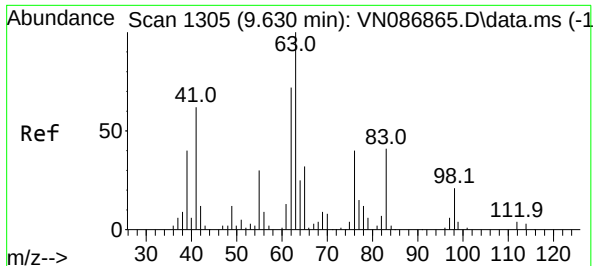
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 93.156 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

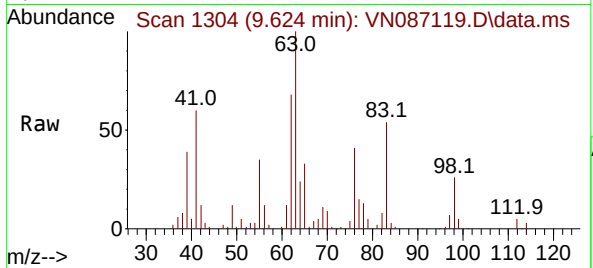
Tgt Ion:130 Resp: 206823
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.2





#45
1,2-Dichloropropane
Concen: 52.538 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

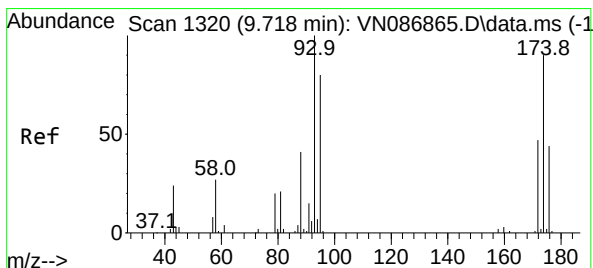
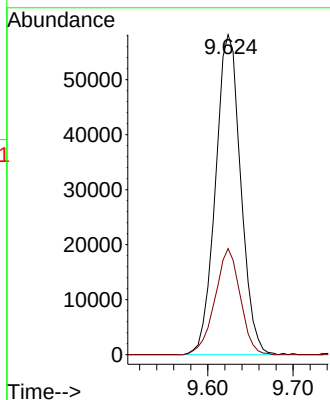
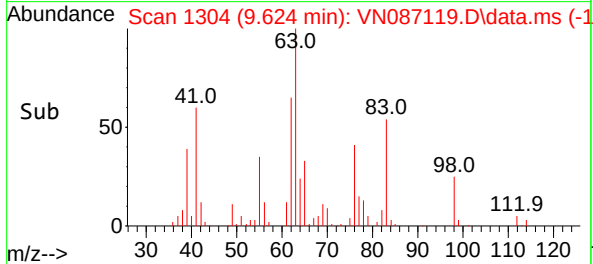
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 63 Resp: 119679
Ion Ratio Lower Upper
63 100
65 33.2 25.5 38.3

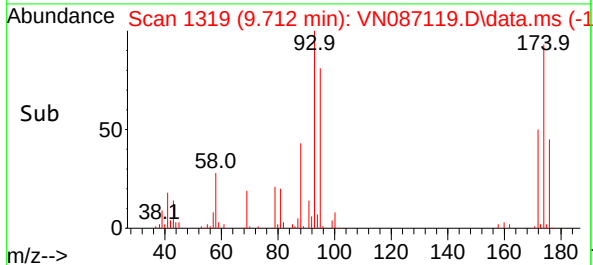
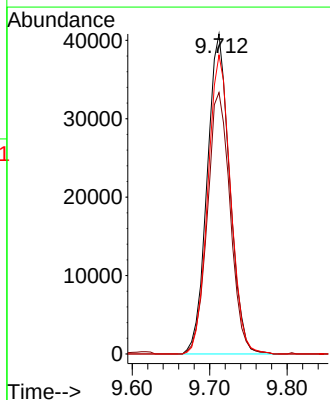
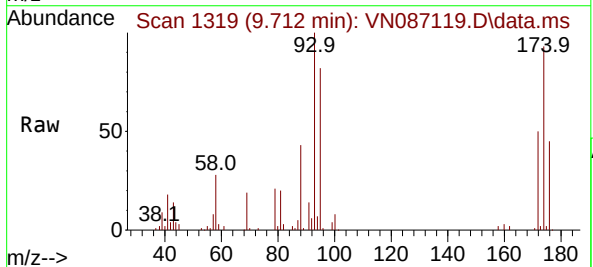
Manual Integrations
APPROVED

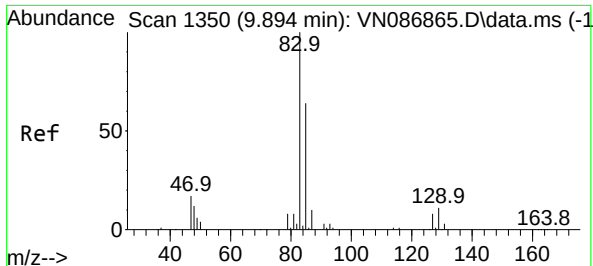
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#46
Dibromomethane
Concen: 54.645 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

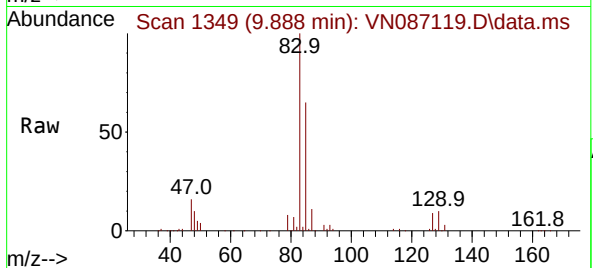
Tgt Ion: 93 Resp: 82681
Ion Ratio Lower Upper
93 100
95 82.7 67.1 100.7
174 93.9 74.2 111.4





#47
Bromodichloromethane
Concen: 53.015 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

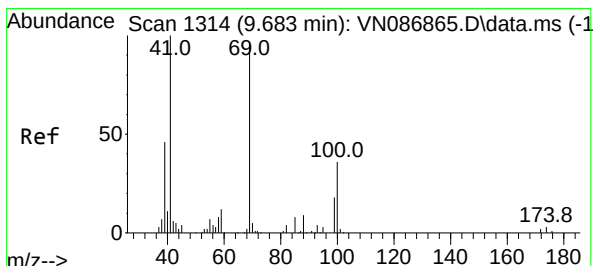
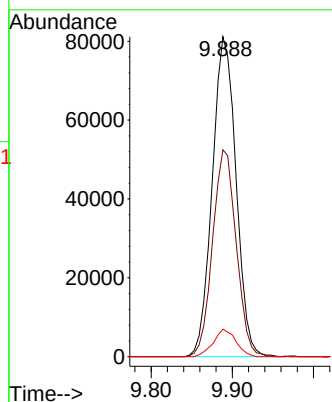
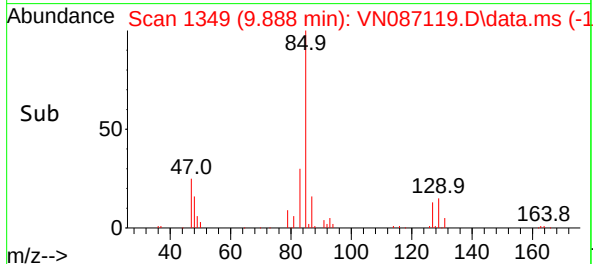
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 83 Resp: 16503
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3
127 8.6 6.6 10.0

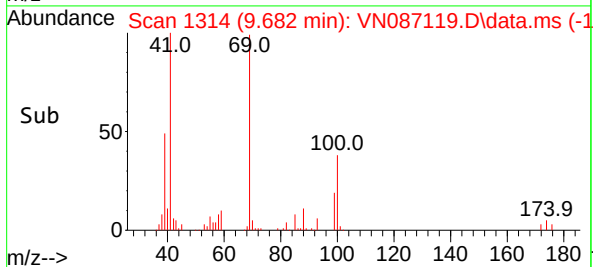
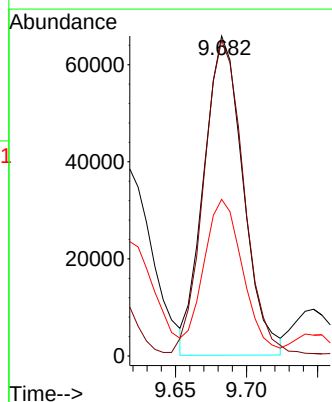
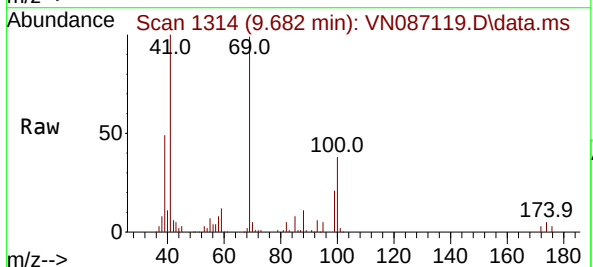
Manual Integrations
APPROVED

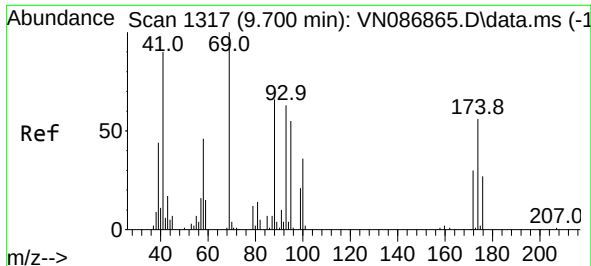
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 47.024 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

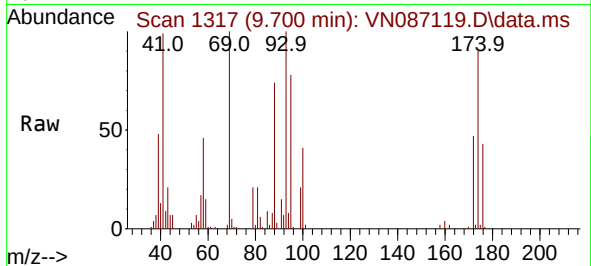
Tgt Ion: 41 Resp: 126622
Ion Ratio Lower Upper
41 100
69 100.7 74.6 112.0
39 49.8 40.2 60.4





#49
1,4-Dioxane
Concen: 1052.526 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

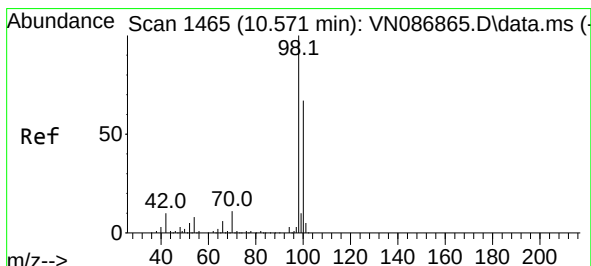
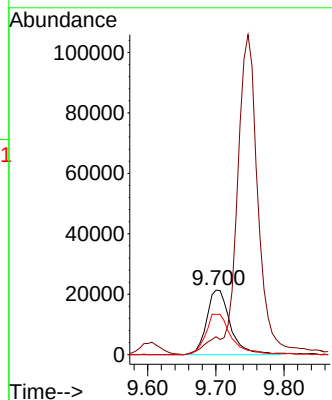
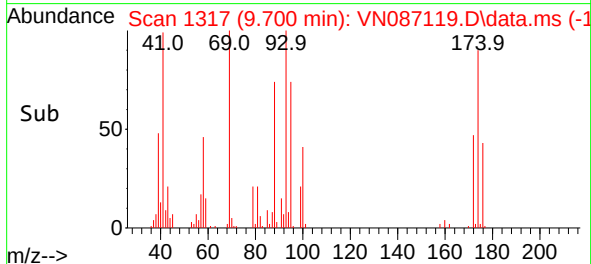
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 88 Resp: 5155
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.2 57.7 86.5

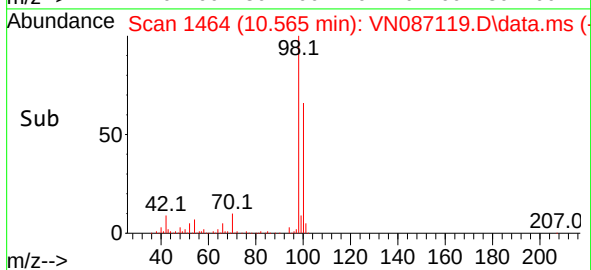
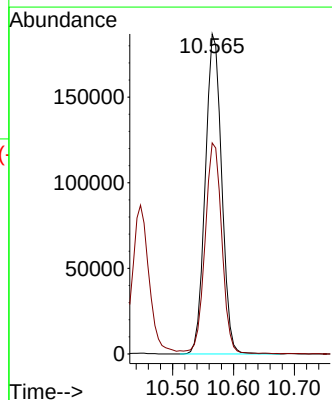
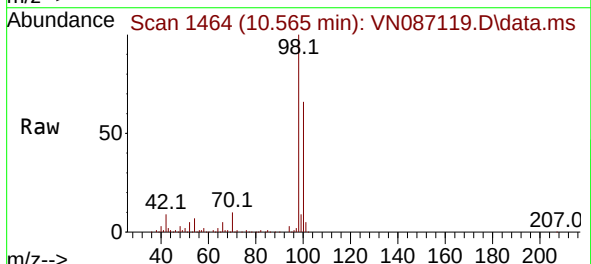
Manual Integrations
APPROVED

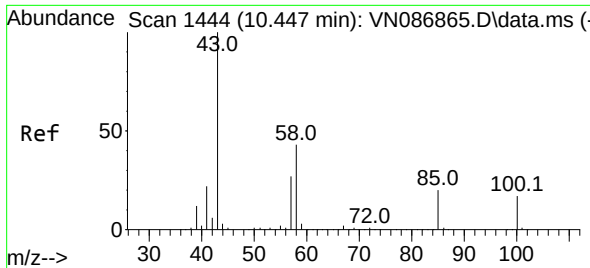
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50
Toluene-d8
Concen: 45.879 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

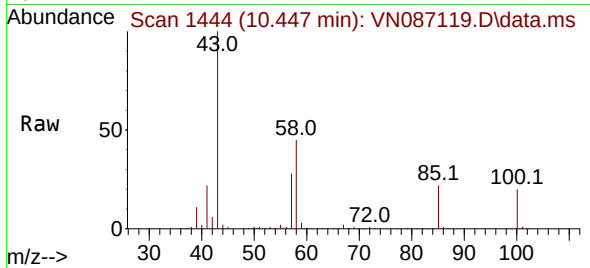
Tgt Ion: 98 Resp: 349005
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 246.814 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

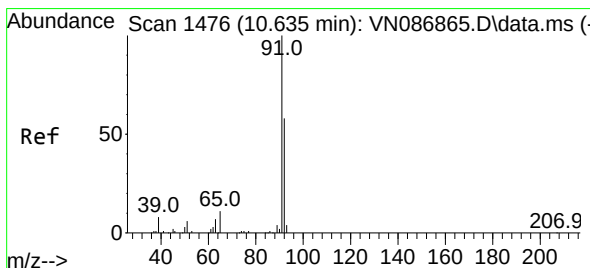
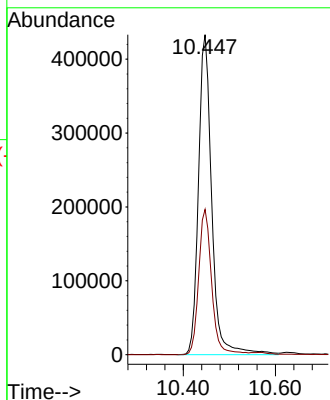
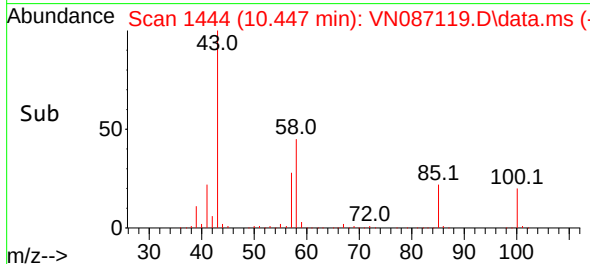
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



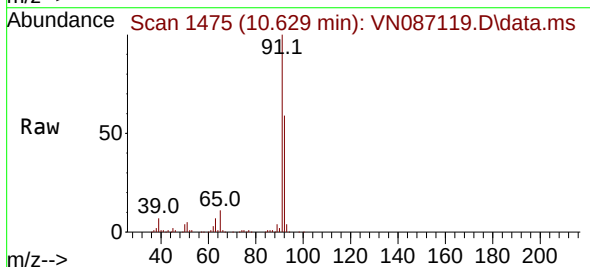
Tgt Ion: 43 Resp: 869262
Ion Ratio Lower Upper
43 100
58 44.4 34.2 51.4

Manual Integrations
APPROVED

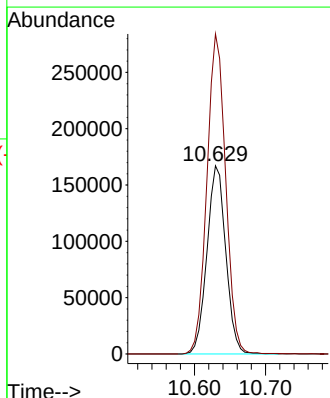
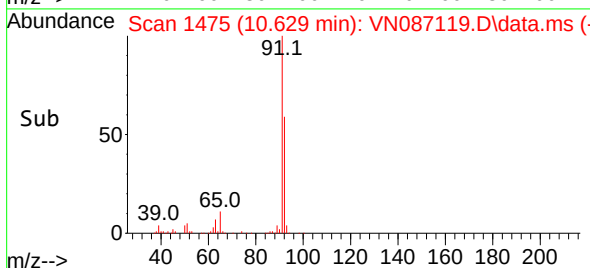
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

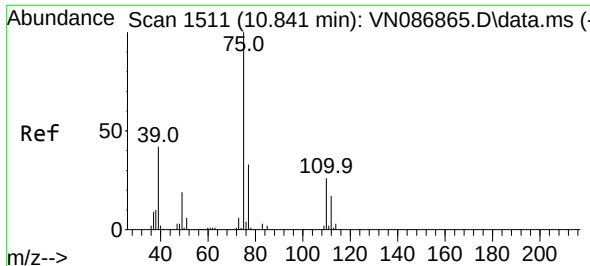


#52
Toluene
Concen: 53.678 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



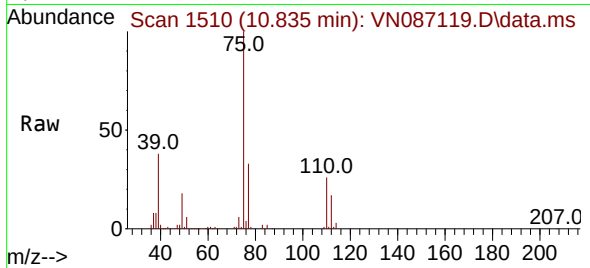
Tgt Ion: 92 Resp: 307149
Ion Ratio Lower Upper
92 100
91 169.6 136.5 204.7





#53
 t-1,3-Dichloropropene
 Concen: 52.551 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

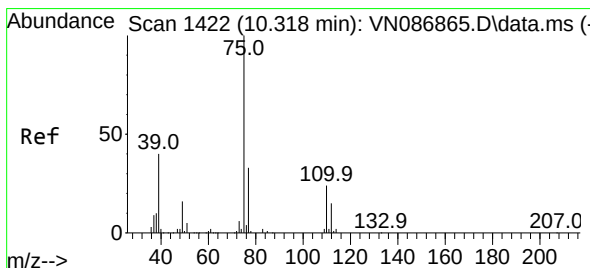
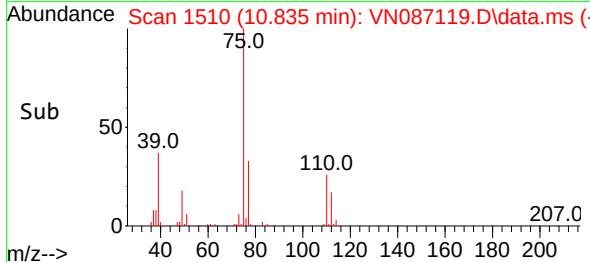
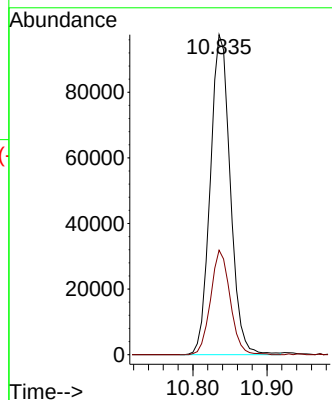
Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MSD



Tgt Ion: 75 Resp: 182930
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.4 39.6

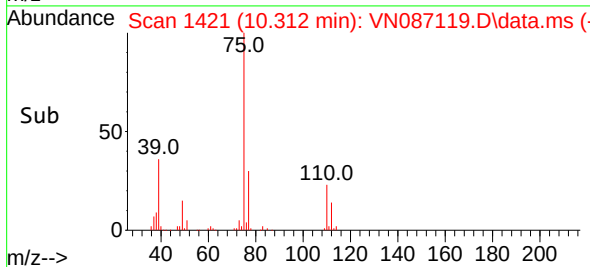
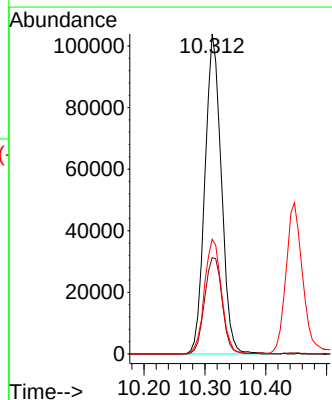
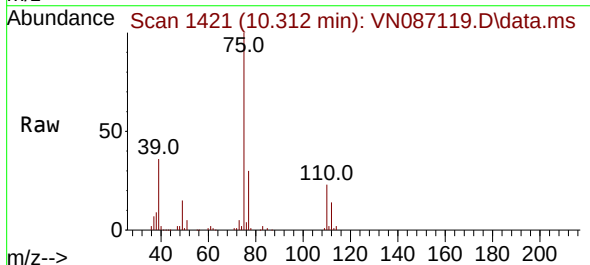
Manual Integrations
 APPROVED

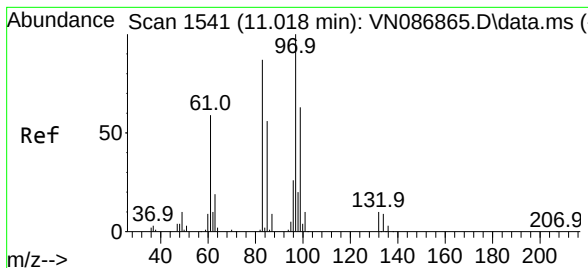
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 52.369 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

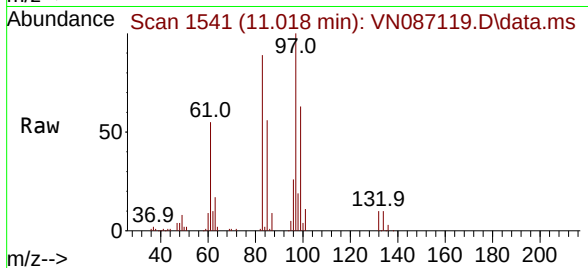
Tgt Ion: 75 Resp: 195053
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.2 39.4
 39 35.9 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 52.683 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

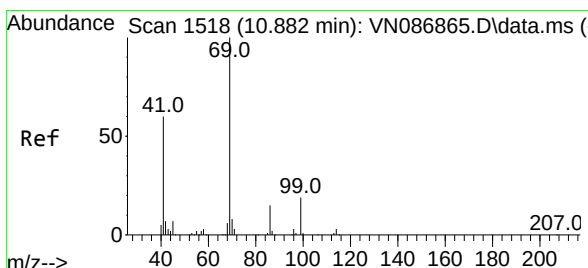
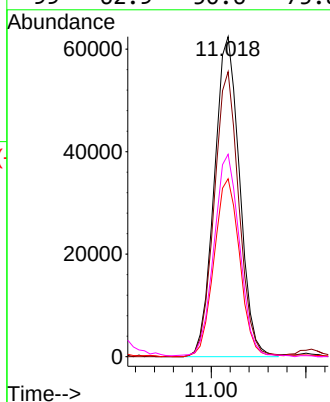
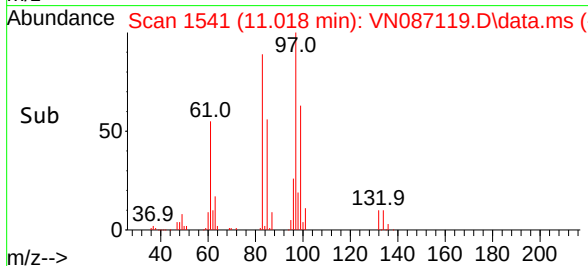
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MSD



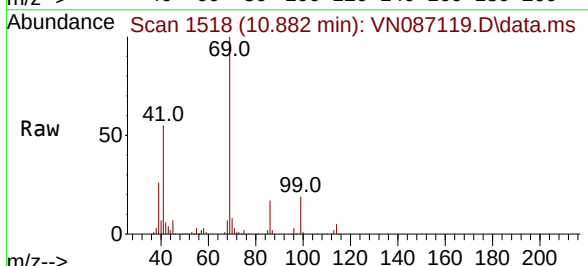
Tgt Ion: 97 Resp: 115990
Ion Ratio Lower Upper
97 100
83 89.0 69.7 104.5
85 55.6 45.1 67.7
99 62.9 50.6 75.8

Manual Integrations
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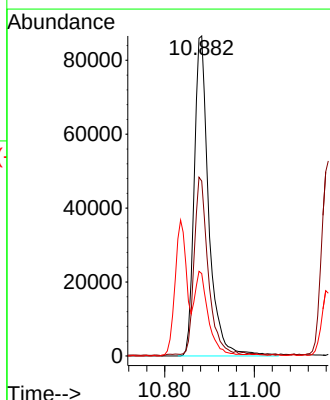
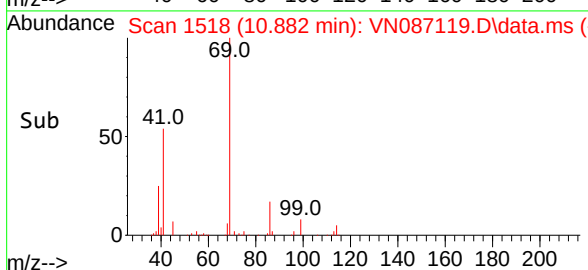
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

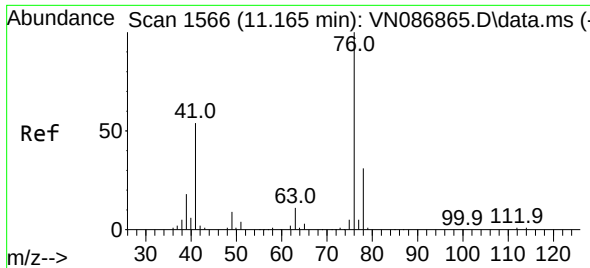


#56
Ethyl methacrylate
Concen: 55.602 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



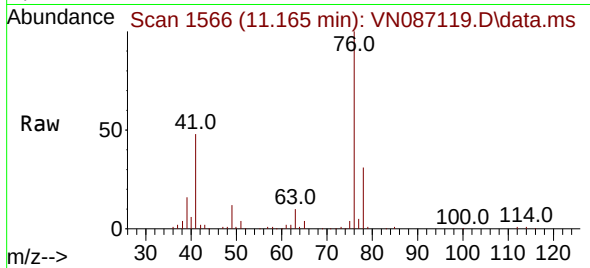
Tgt Ion: 69 Resp: 194990
Ion Ratio Lower Upper
69 100
41 55.2 47.2 70.8
39 24.4 23.0 34.6





#57
1,3-Dichloropropane
Concen: 53.055 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

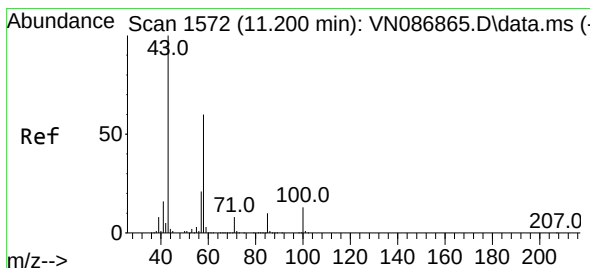
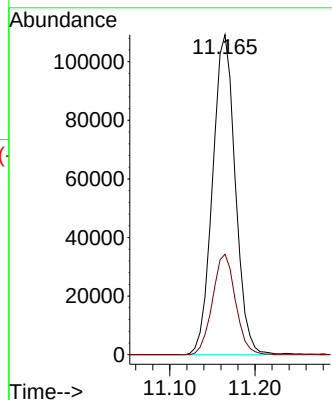
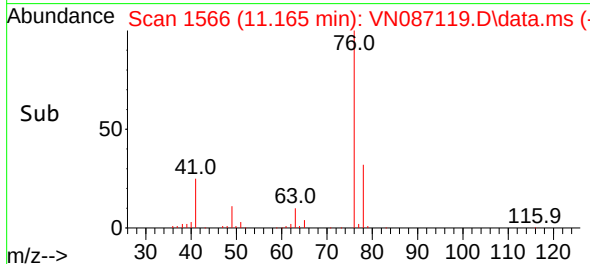
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MSD



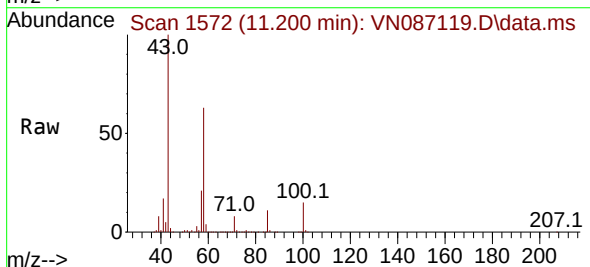
Tgt Ion: 76 Resp: 20264
Ion Ratio Lower Upper
76 100
78 31.7 25.3 37.9

Manual Integrations
APPROVED

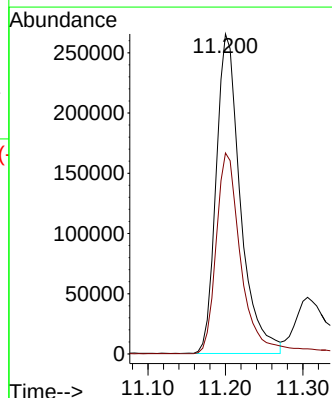
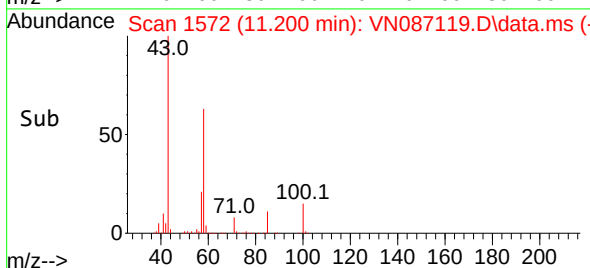
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

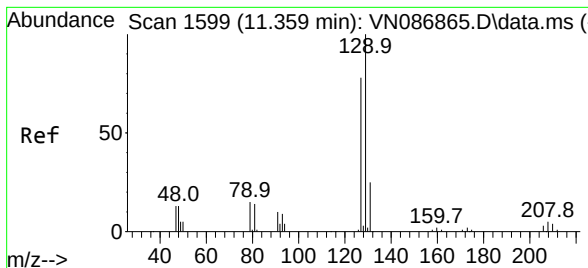


#59
2-Hexanone
Concen: 254.185 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



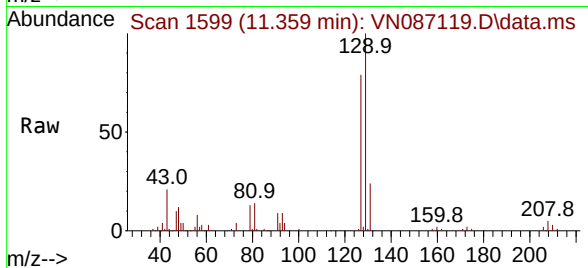
Tgt Ion: 43 Resp: 576643
Ion Ratio Lower Upper
43 100
58 66.0 30.4 91.3





#60
Dibromochloromethane
Concen: 56.000 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

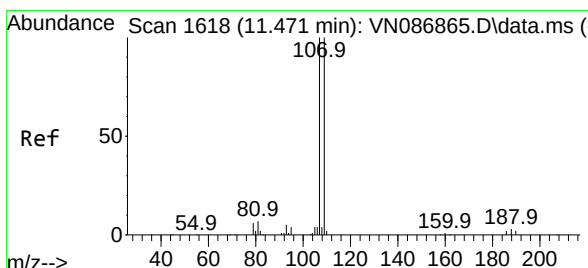
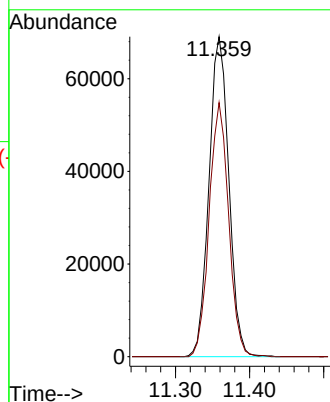
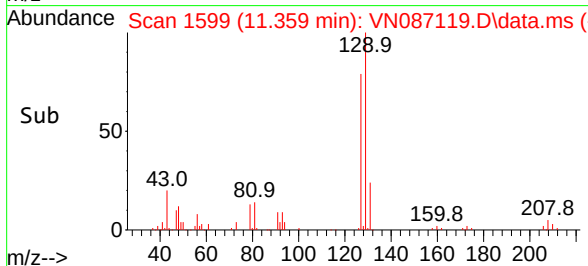
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MSD



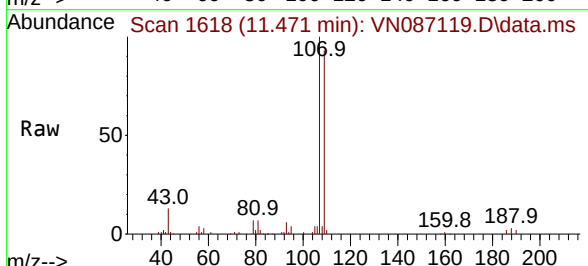
Tgt Ion:129 Resp: 128464
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

Manual Integrations
APPROVED

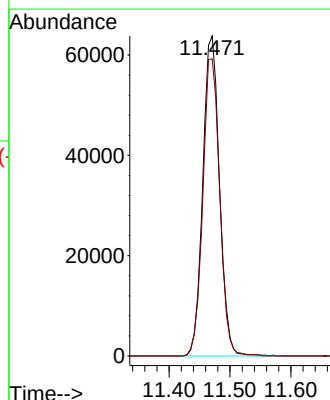
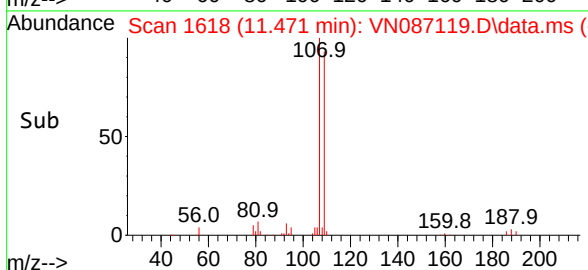
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

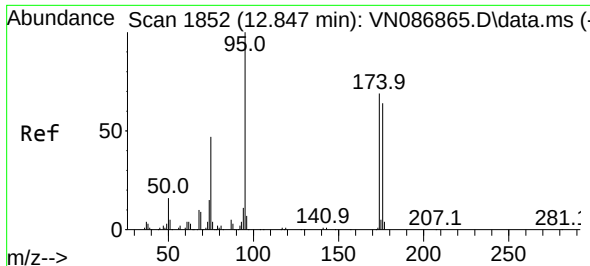


#61
1,2-Dibromoethane
Concen: 53.793 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



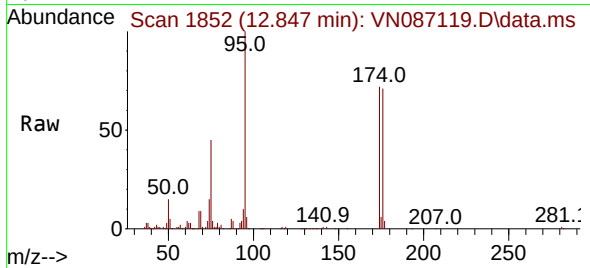
Tgt Ion:107 Resp: 121399
Ion Ratio Lower Upper
107 100
109 94.3 76.3 114.5





#62
4-Bromofluorobenzene
Concen: 46.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

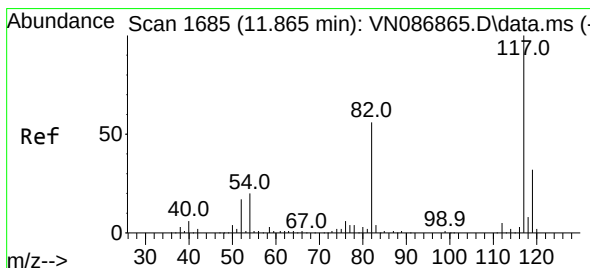
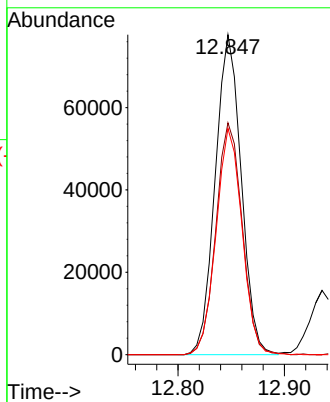
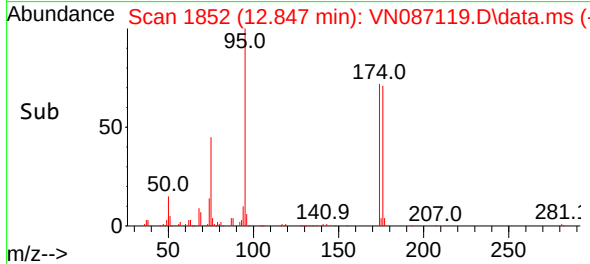
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



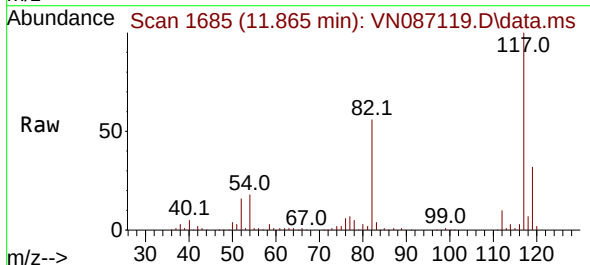
Tgt Ion: 95 Resp: 13165
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 70.7 0.0 132.6

Manual Integrations
APPROVED

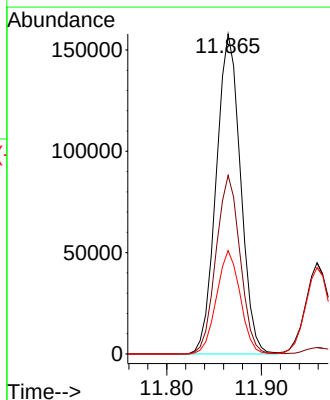
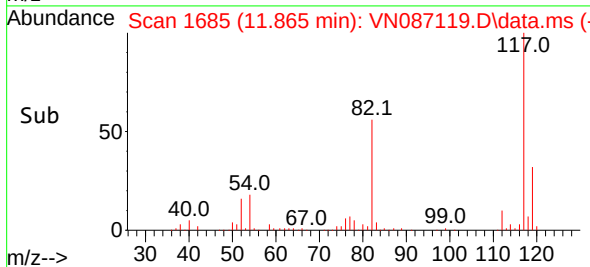
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

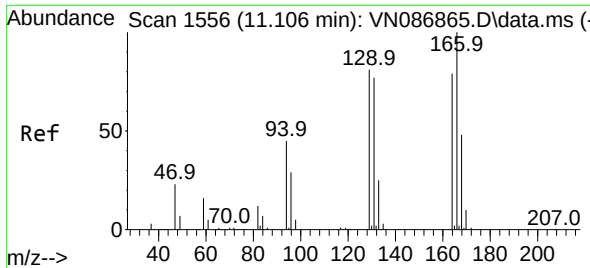


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



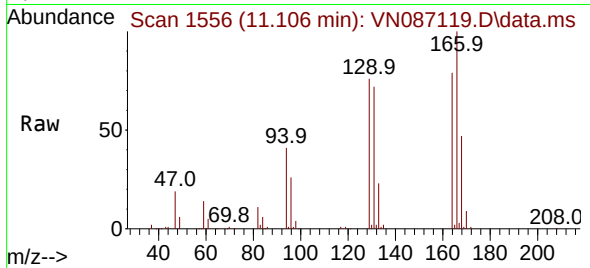
Tgt Ion:117 Resp: 281966
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.3 25.5 38.3





#64
Tetrachloroethene
Concen: 54.082 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

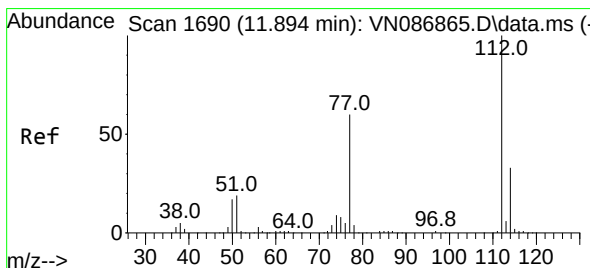
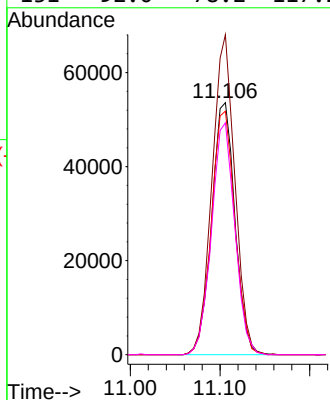
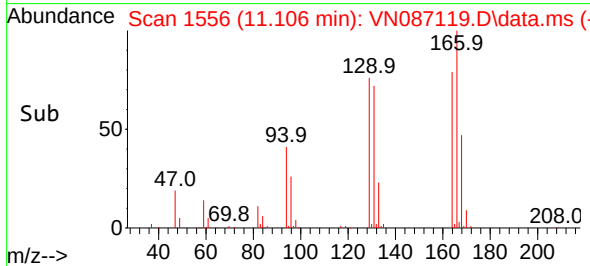
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion:164 Resp: 9650
Ion Ratio Lower Upper
164 100
166 127.0 101.8 152.8
129 96.6 83.0 124.4
131 92.0 78.2 117.2

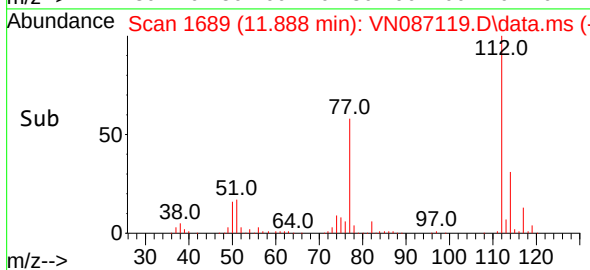
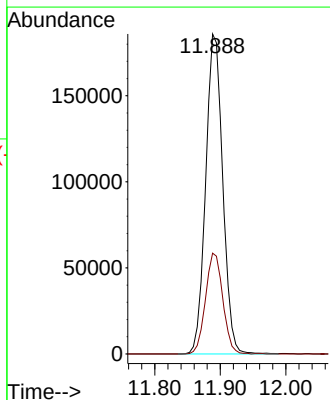
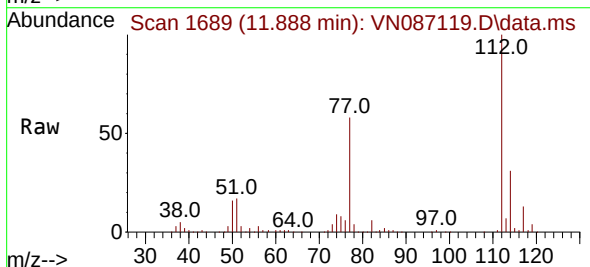
Manual Integrations
APPROVED

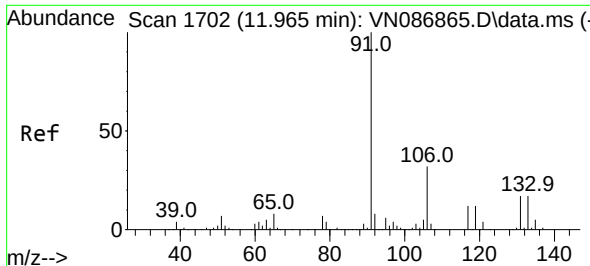
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#65
Chlorobenzene
Concen: 54.089 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

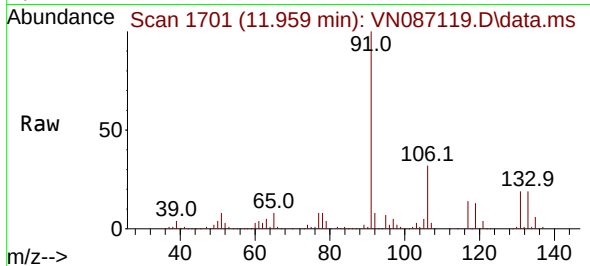
Tgt Ion:112 Resp: 336372
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 55.501 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

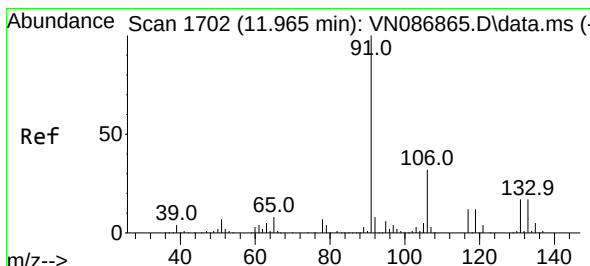
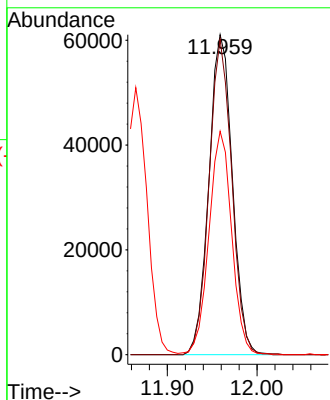
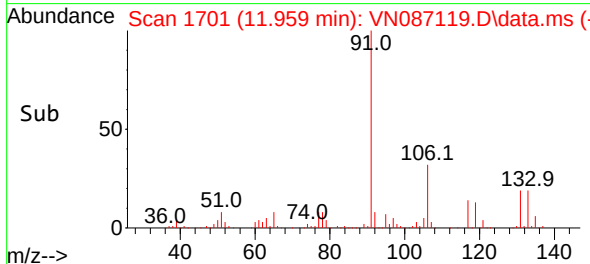
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



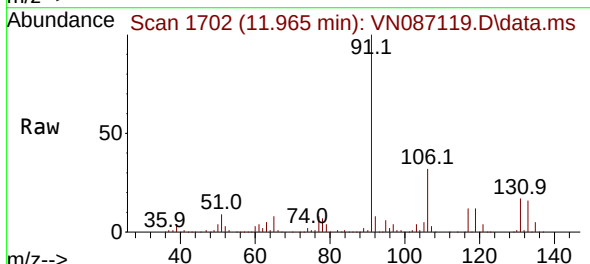
Tgt Ion:131 Resp: 110949
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.8
119 67.6 34.0 101.8

Manual Integrations
APPROVED

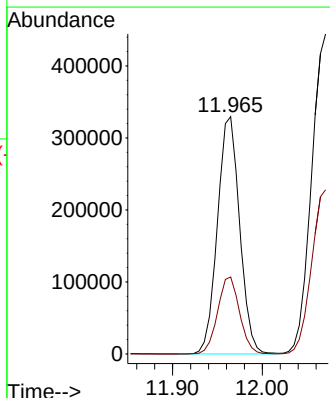
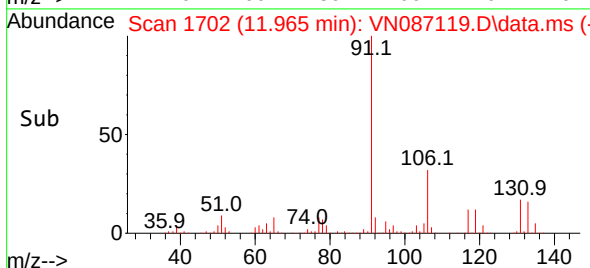
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

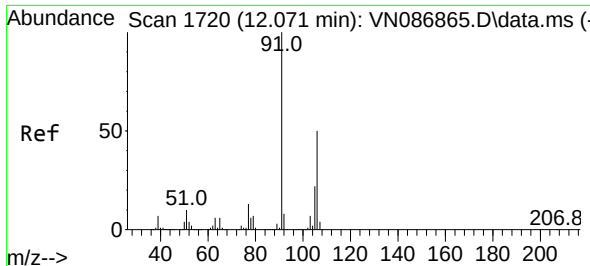


#67
Ethyl Benzene
Concen: 52.935 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



Tgt Ion: 91 Resp: 567034
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2





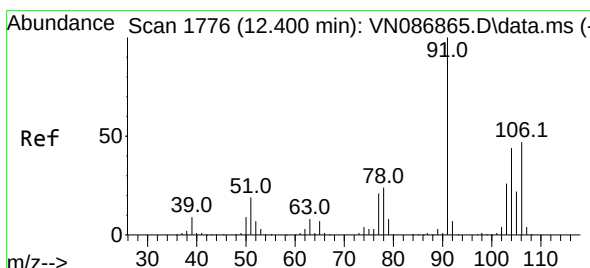
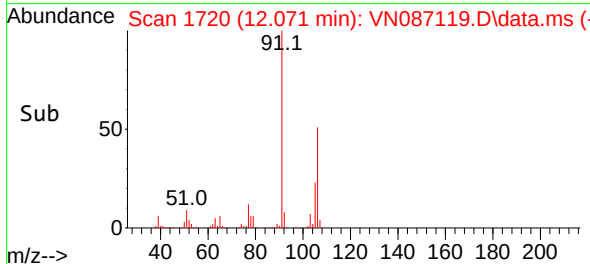
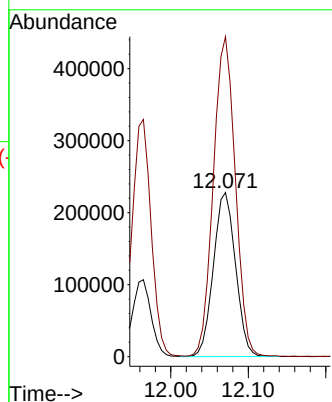
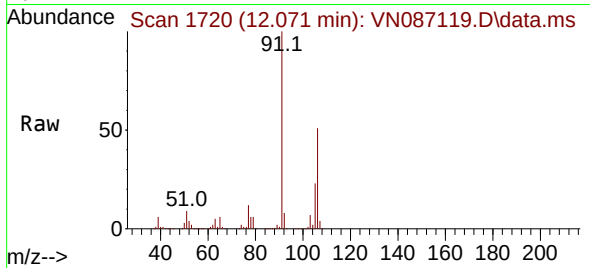
#68
m/p-Xylenes
Concen: 110.005 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD

Tgt Ion:106 Resp: 45107
Ion Ratio Lower Upper
106 100
91 193.9 159.4 239.0

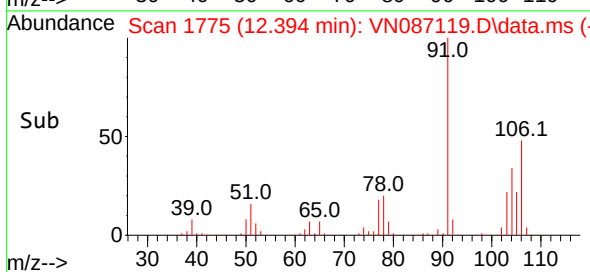
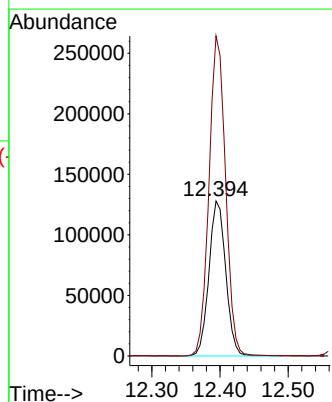
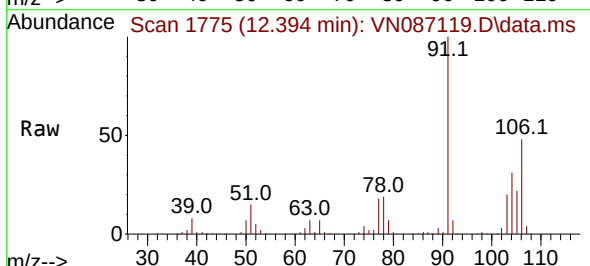
Manual Integrations
APPROVED

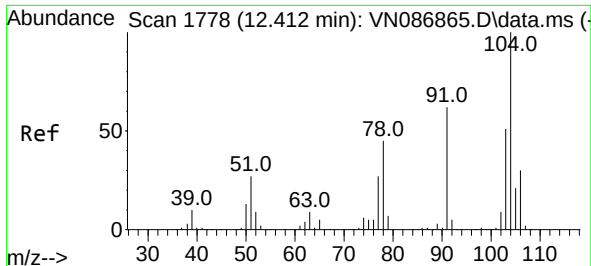
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#69
o-Xylene
Concen: 55.857 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

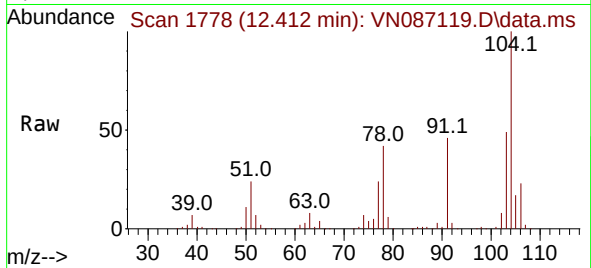
Tgt Ion:106 Resp: 219362
Ion Ratio Lower Upper
106 100
91 204.1 106.1 318.1





#70
Styrene
Concen: 55.538 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

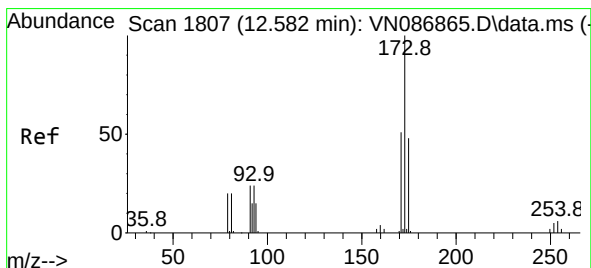
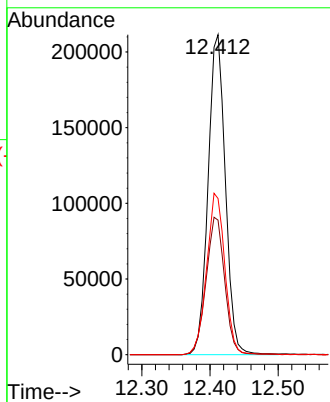
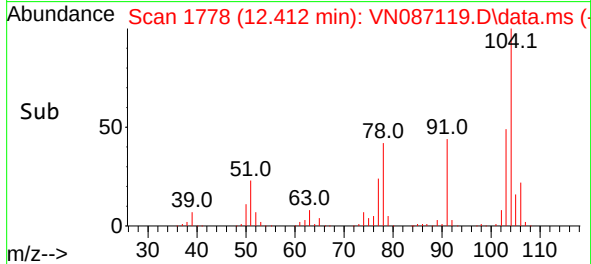
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion:104 Resp: 373229
Ion Ratio Lower Upper
104 100
78 46.3 38.5 57.7
103 53.4 43.1 64.7

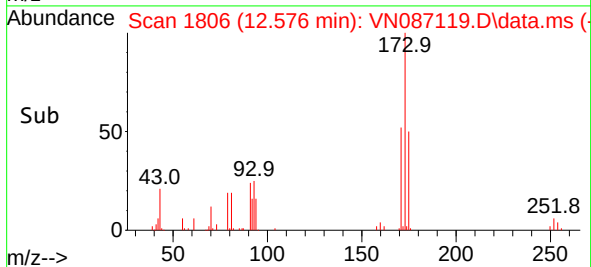
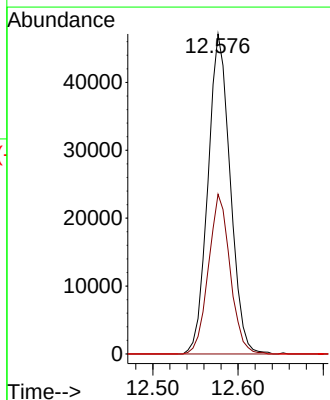
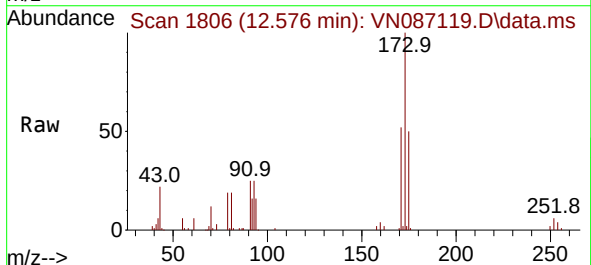
Manual Integrations
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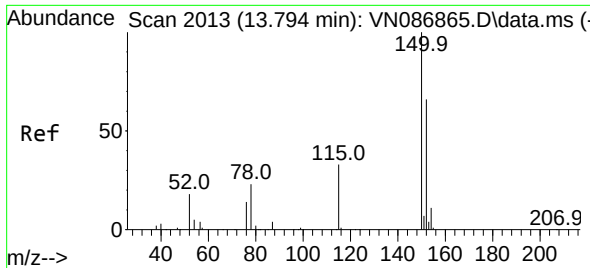
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#71
Bromoform
Concen: 57.770 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

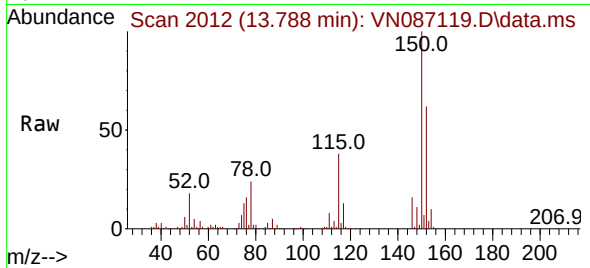
Tgt Ion:173 Resp: 85568
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

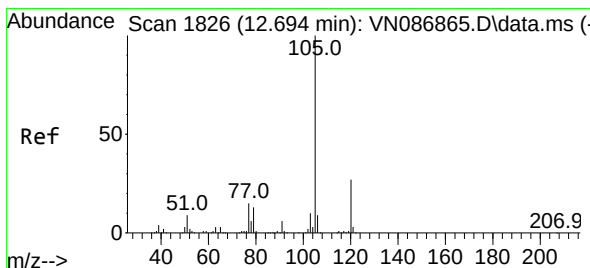
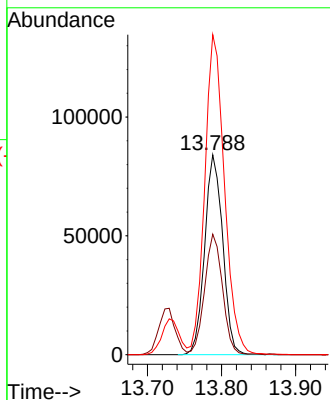
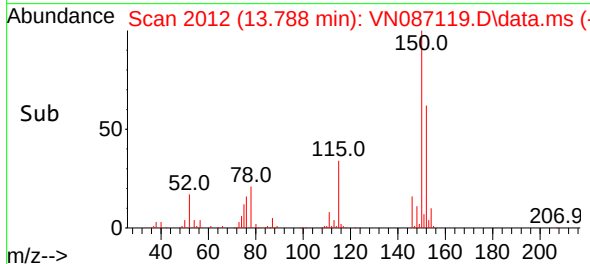
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



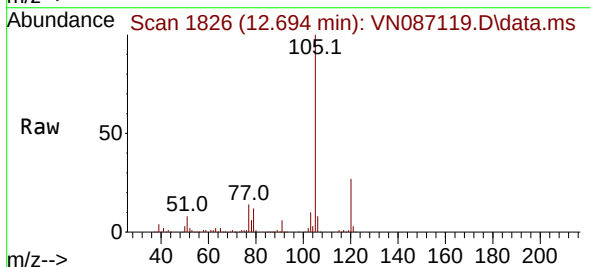
Tgt Ion:152 Resp: 142178
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 175.3 0.0 345.0

Manual Integrations
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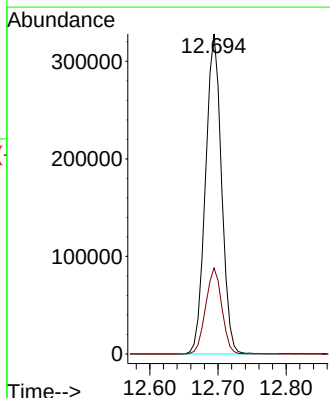
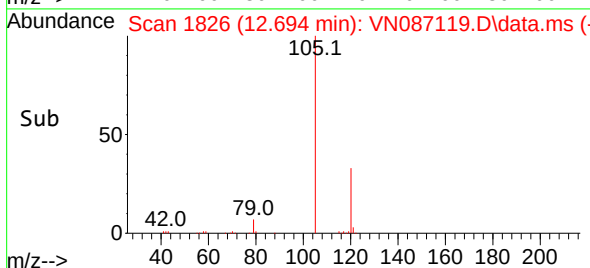
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

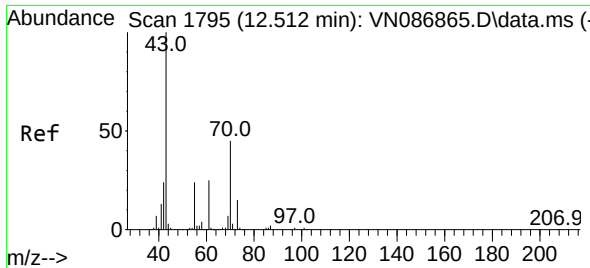


#73
Isopropylbenzene
Concen: 51.746 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



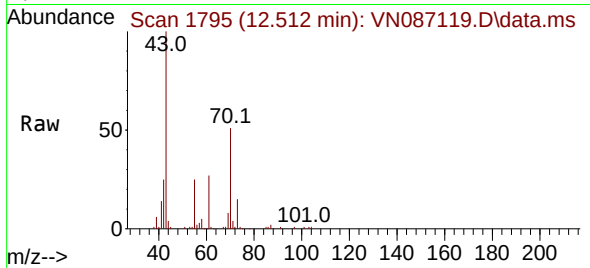
Tgt Ion:105 Resp: 535971
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4





#74
N-amy1 acetate
Concen: 42.823 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

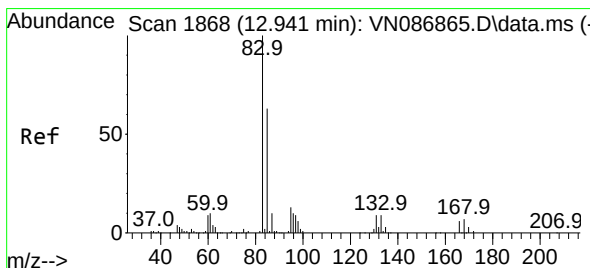
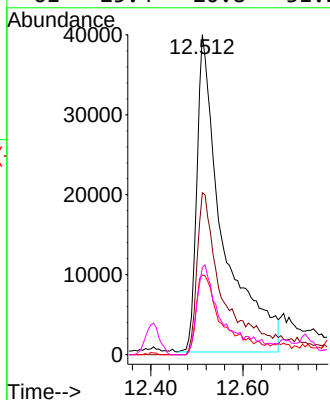
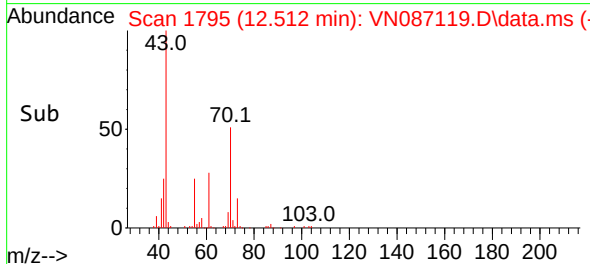
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



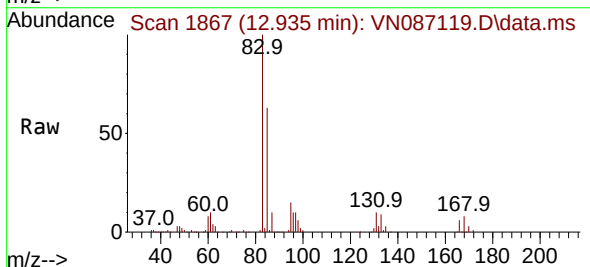
Tgt Ion: 43 Resp: 154990
Ion Ratio Lower Upper
43 100
70 50.6 37.6 56.4
55 24.6 19.0 28.6
61 25.4 20.8 31.2

Manual Integrations
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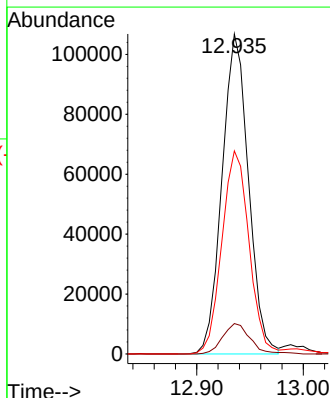
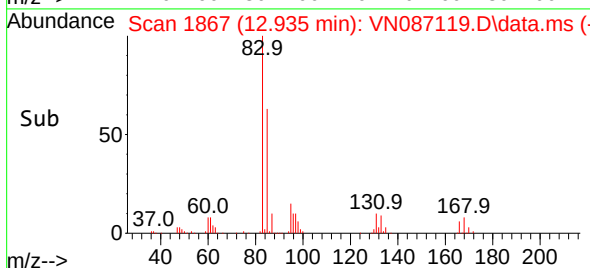
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

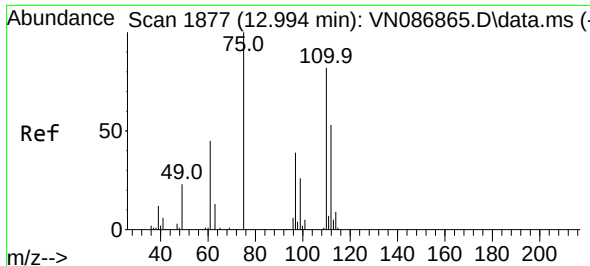


#75
1,1,2,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



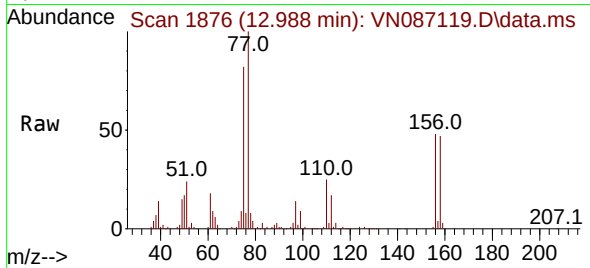
Tgt Ion: 83 Resp: 184105
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 65.4 32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 51.185 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

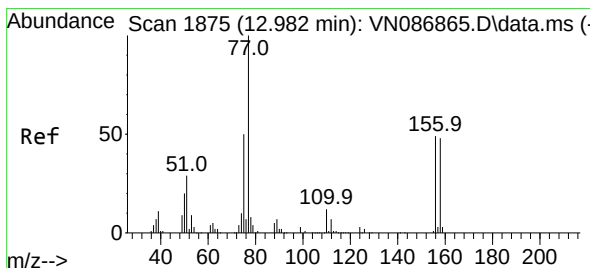
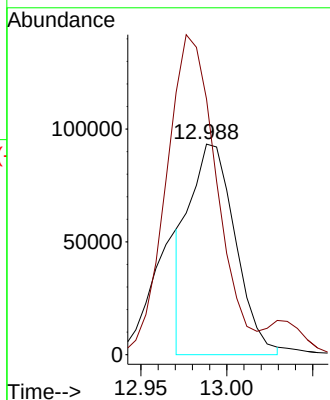
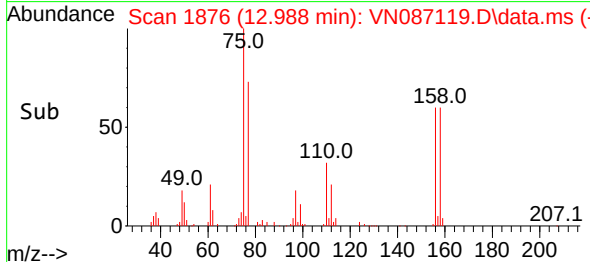
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion: 75 Resp: 172985
Ion Ratio Lower Upper
75 100
77 167.8 79.3 237.9

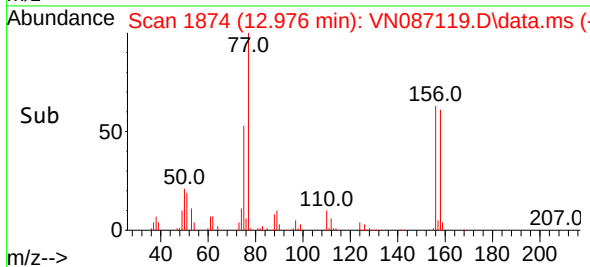
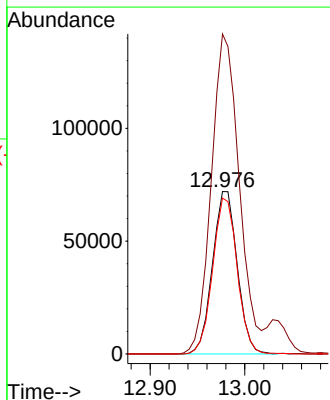
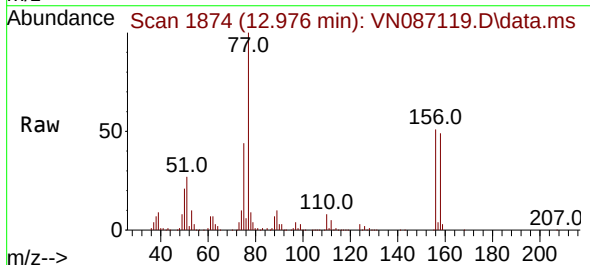
Manual Integrations
APPROVED

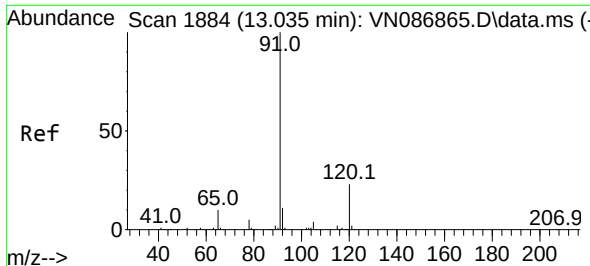
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#77
Bromobenzene
Concen: 54.964 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Tgt Ion:156 Resp: 130562
Ion Ratio Lower Upper
156 100
77 222.3 117.7 353.1
158 95.5 48.1 144.4





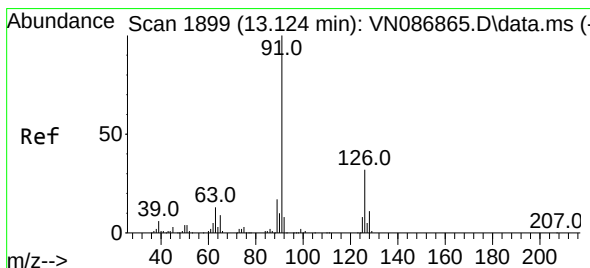
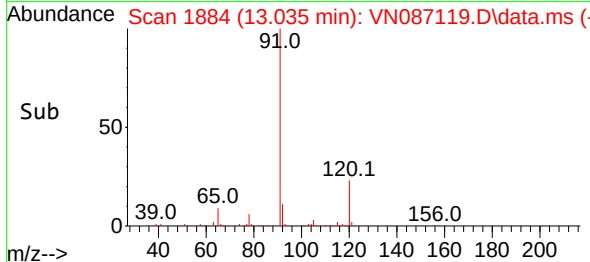
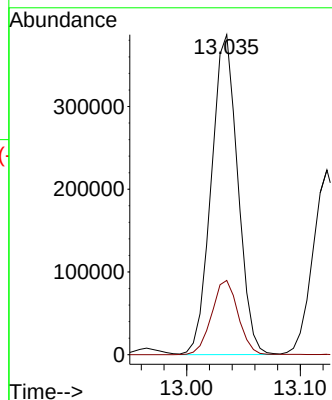
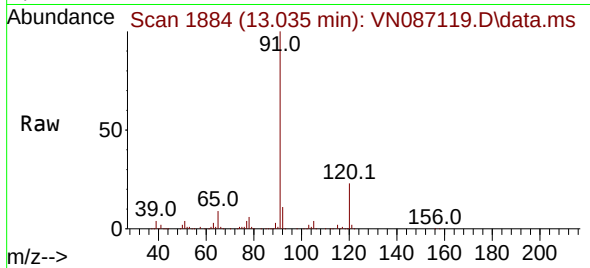
#78
n-propylbenzene
Concen: 49.723 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MSD

Tgt Ion: 91 Resp: 62589
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2

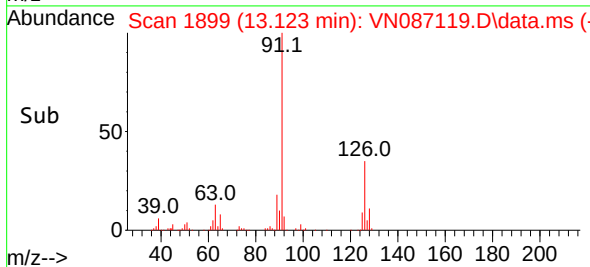
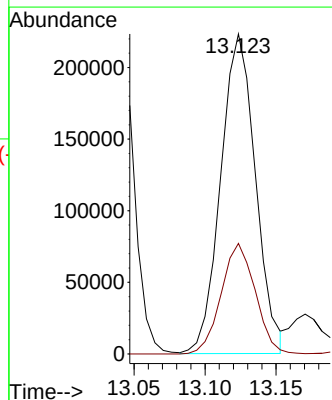
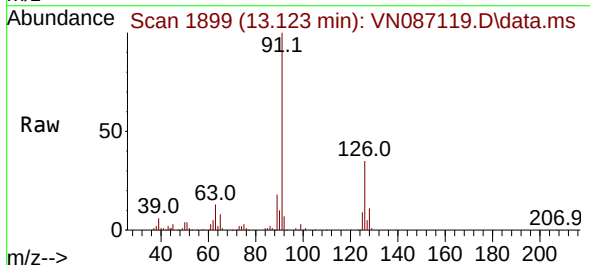
Manual Integrations
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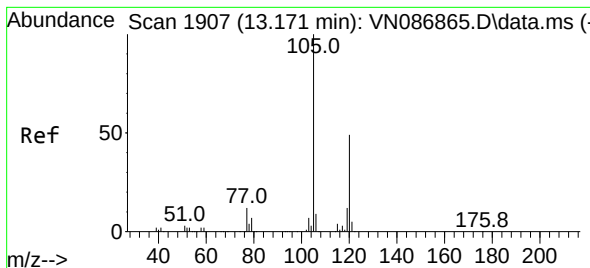
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#79
2-Chlorotoluene
Concen: 50.375 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Tgt Ion: 91 Resp: 380272
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.5





#80

1,3,5-Trimethylbenzene

Concen: 51.145 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MSD

Tgt Ion:105 Resp: 43736

Ion Ratio Lower Upper

105 100

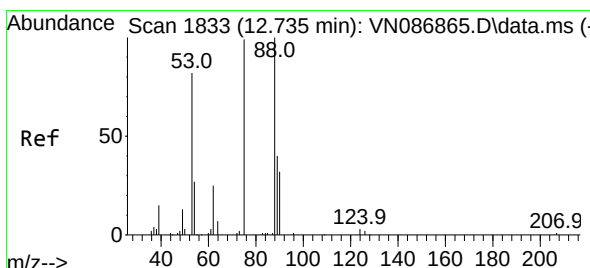
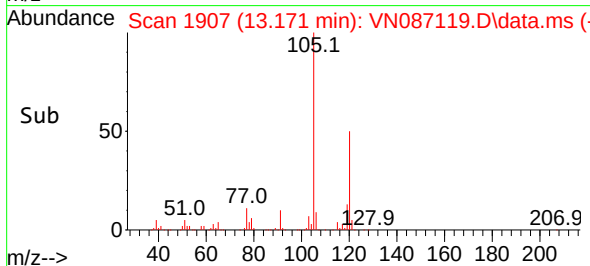
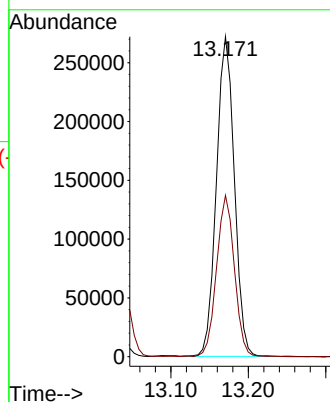
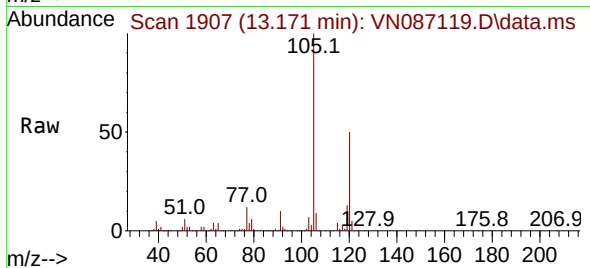
120 50.3 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 49.733 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

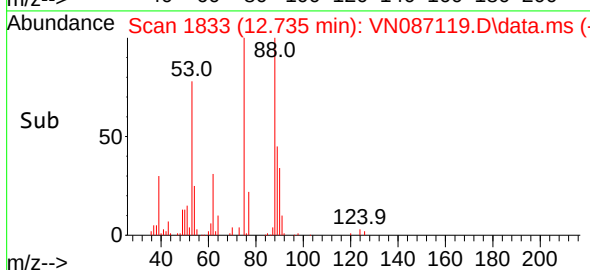
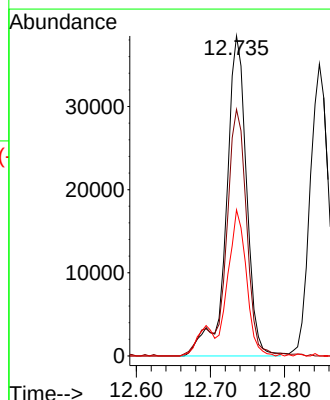
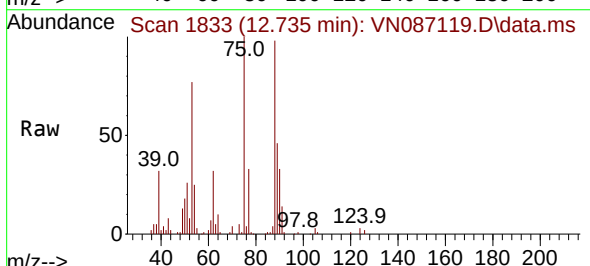
Tgt Ion: 75 Resp: 73016

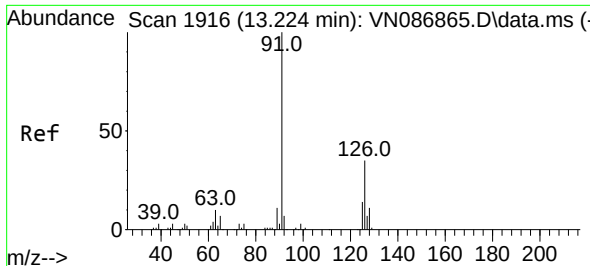
Ion Ratio Lower Upper

75 100

53 73.2 66.6 99.8

89 41.3 36.7 55.1





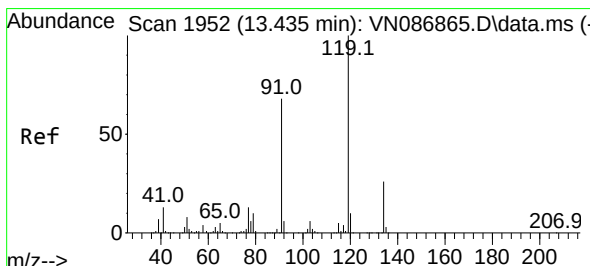
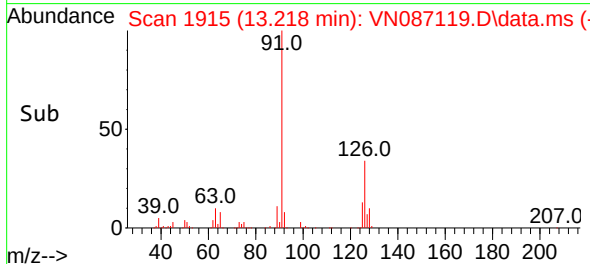
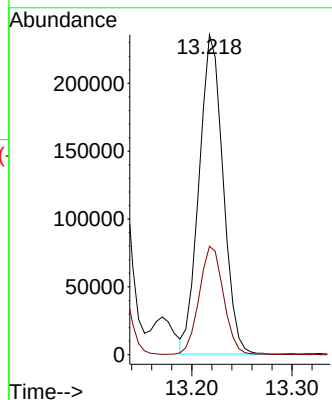
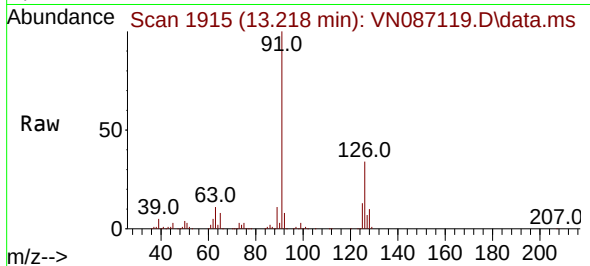
#82
4-Chlorotoluene
Concen: 51.295 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD

Tgt Ion: 91 Resp: 391800
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.1

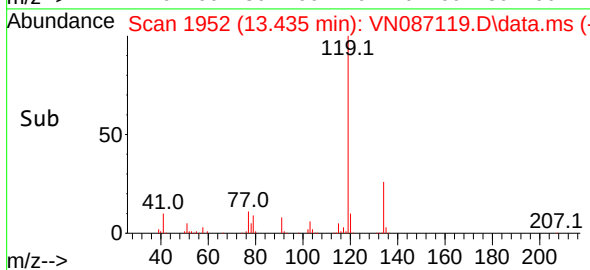
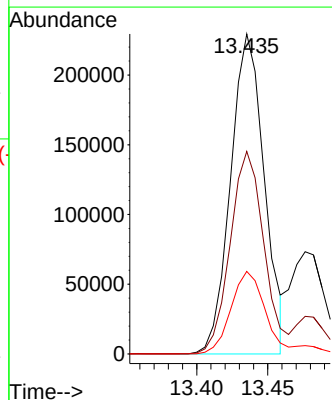
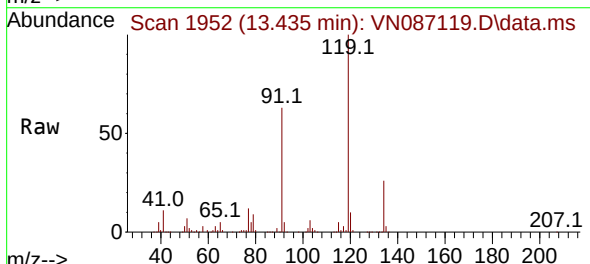
Manual Integrations
APPROVED

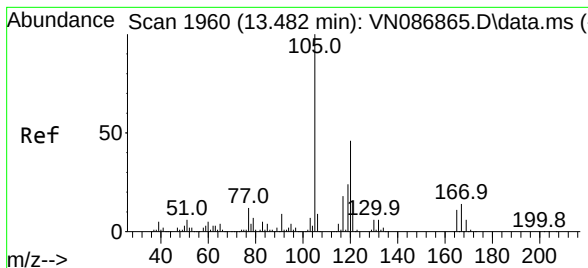
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#83
tert-Butylbenzene
Concen: 48.393 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

Tgt Ion:119 Resp: 378819
Ion Ratio Lower Upper
119 100
91 63.4 32.1 96.5
134 27.8 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 52.009 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MSD

Tgt Ion:105 Resp: 44599

Ion Ratio Lower Upper

105 100

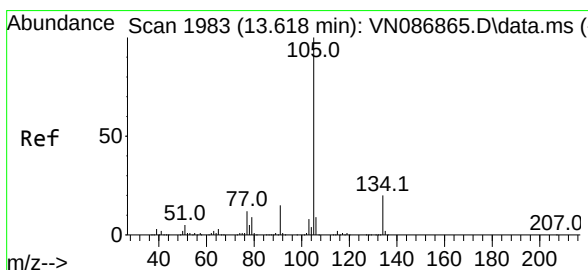
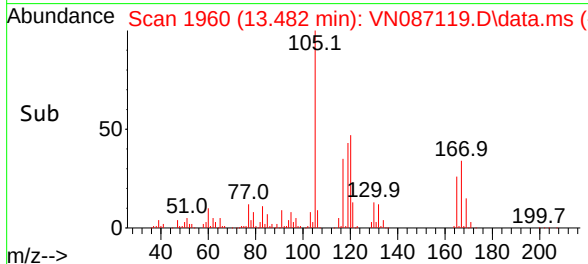
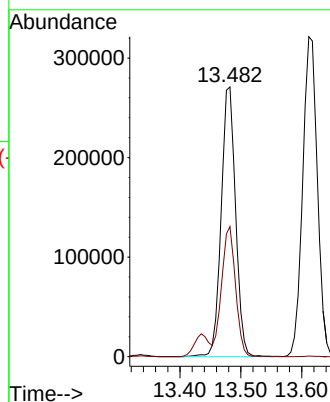
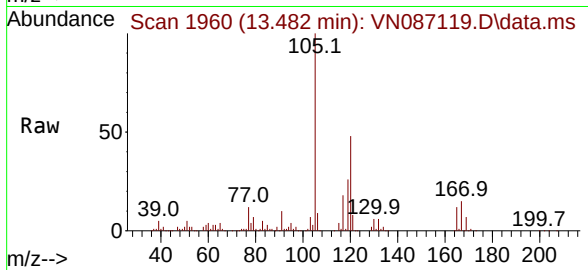
120 46.7 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#85

sec-Butylbenzene

Concen: 47.394 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN087119.D

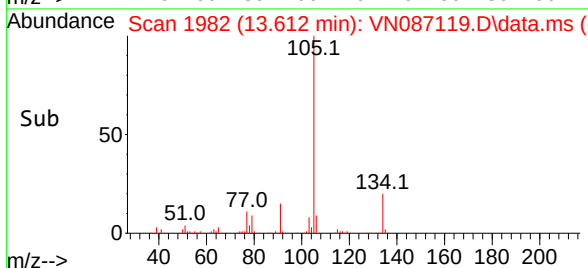
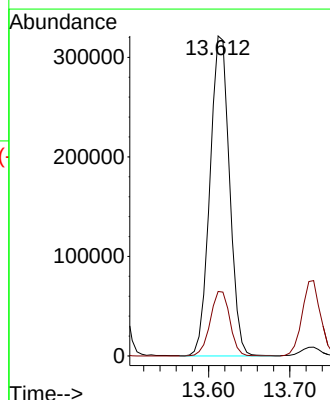
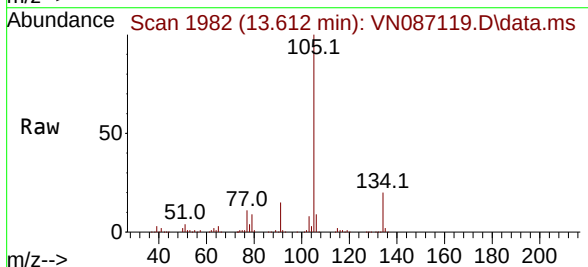
Acq: 19 Jun 2025 17:52

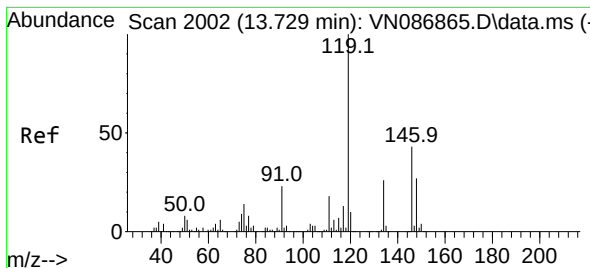
Tgt Ion:105 Resp: 538763

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0





#86

p-Isopropyltoluene

Concen: 47.811 ug/l

RT: 13.723 min Scan# 2000

Delta R.T. -0.006 min

Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MSD

Tgt Ion:119 Resp: 44928

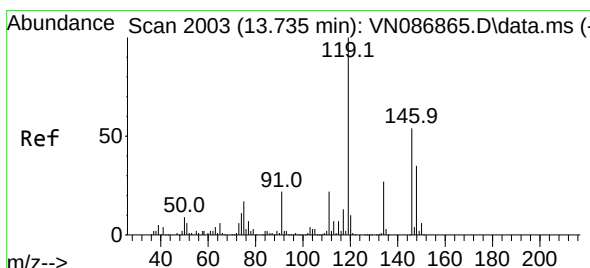
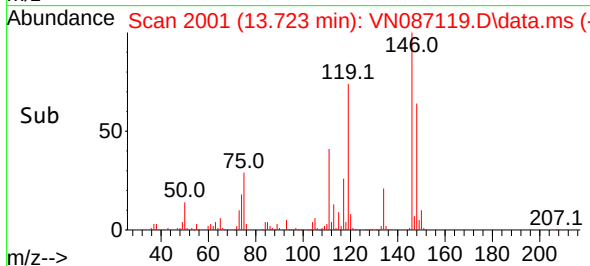
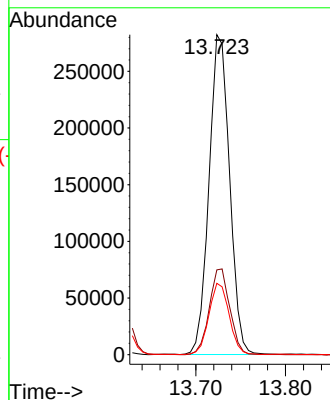
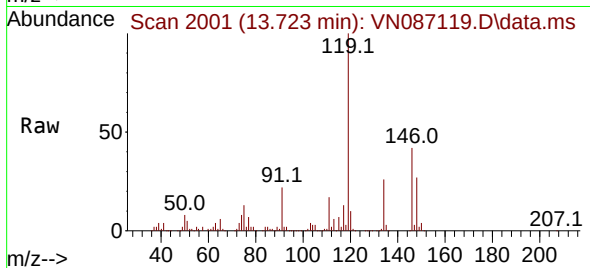
Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	21.9	11.5	34.4

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#87

1,3-Dichlorobenzene

Concen: 52.890 ug/l

RT: 13.729 min Scan# 2002

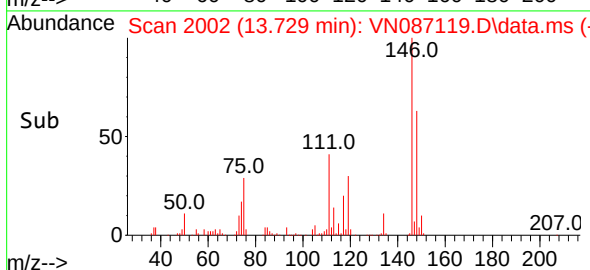
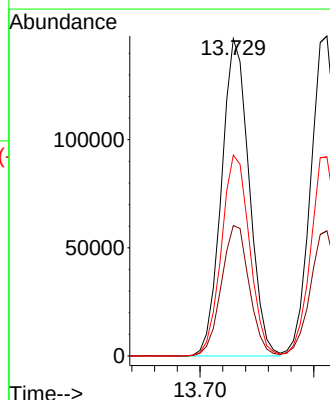
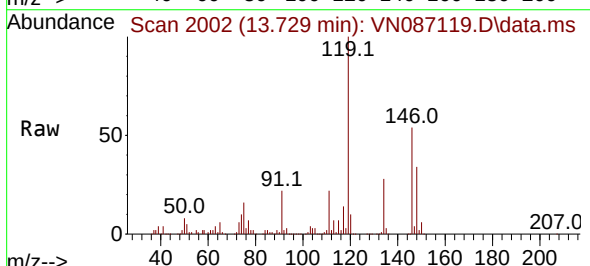
Delta R.T. -0.006 min

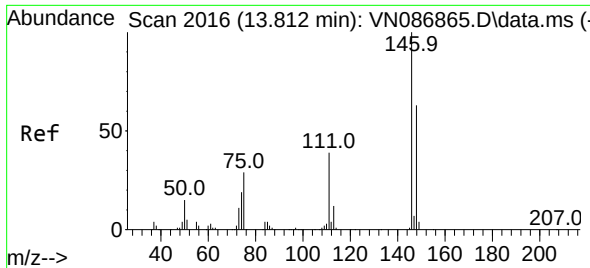
Lab File: VN087119.D

Acq: 19 Jun 2025 17:52

Tgt Ion:146 Resp: 247185

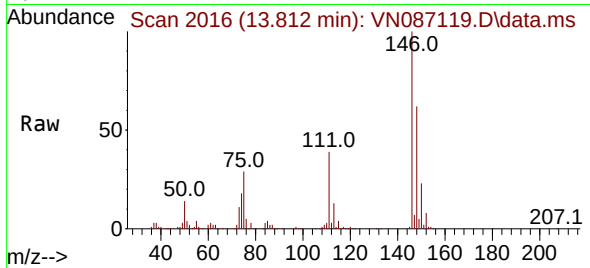
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	64.5	32.0	96.2





#88
1,4-Dichlorobenzene
Concen: 53.165 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

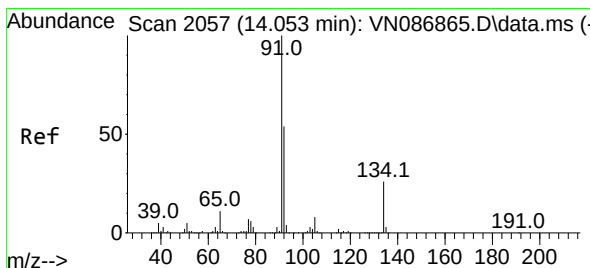
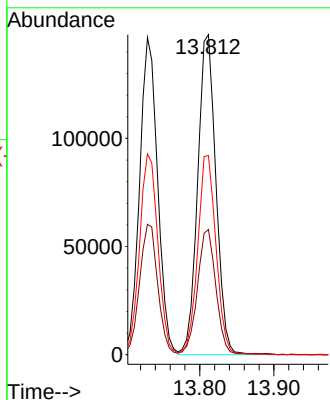
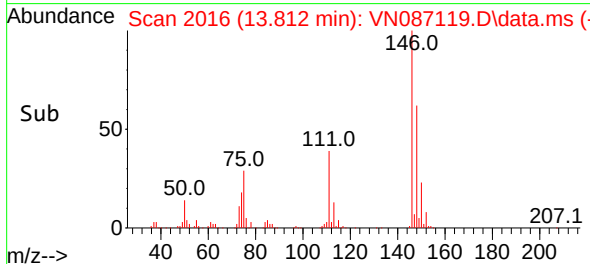
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



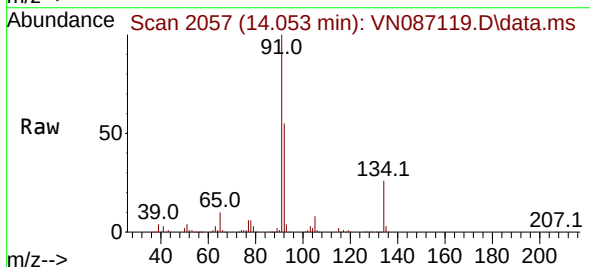
Tgt Ion:146 Resp: 253319
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.7
148 62.5 31.8 95.4

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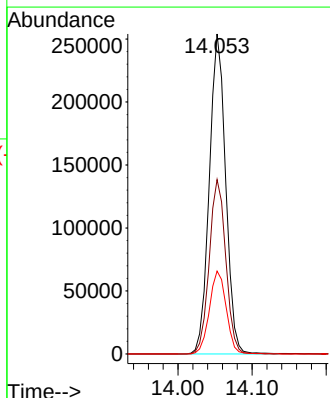
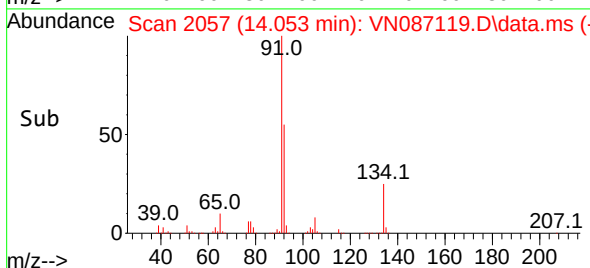
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

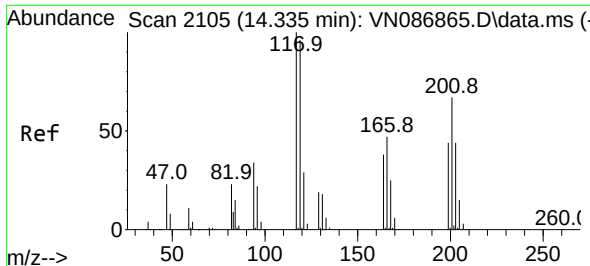


#89
n-Butylbenzene
Concen: 42.752 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



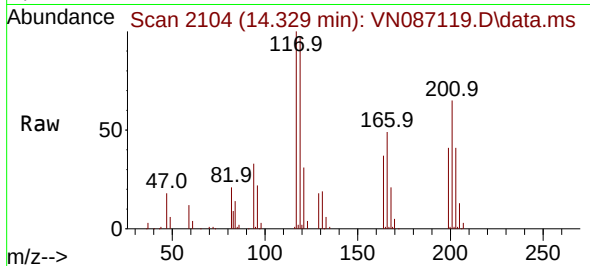
Tgt Ion: 91 Resp: 389128
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.4
134 26.6 13.0 39.0





#90
Hexachloroethane
Concen: 50.694 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

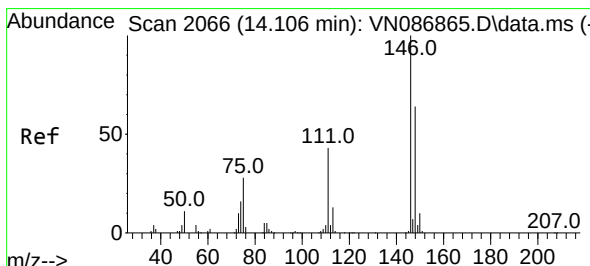
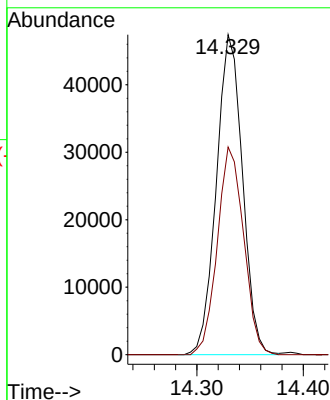
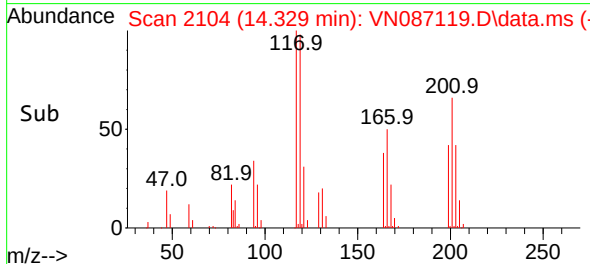
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



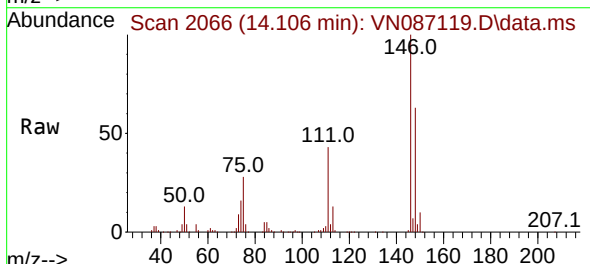
Tgt Ion:117 Resp: 8074
Ion Ratio Lower Upper
117 100
201 65.5 33.2 99.6

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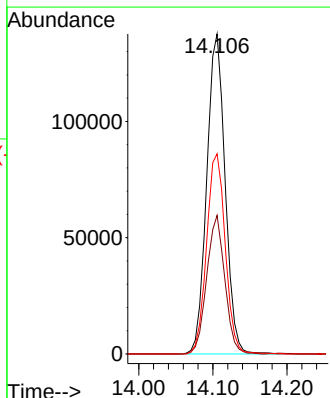
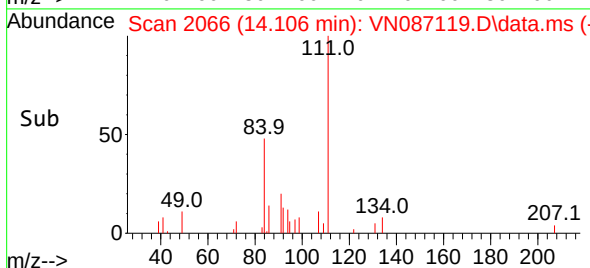
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

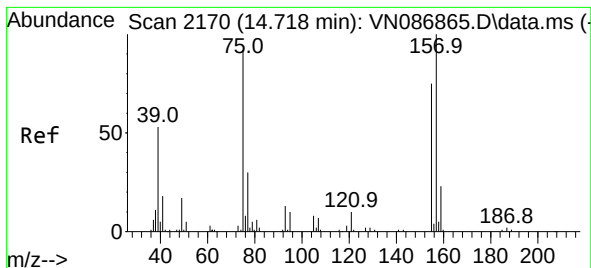


#91
1,2-Dichlorobenzene
Concen: 52.741 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52



Tgt Ion:146 Resp: 236809
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 63.6 31.7 95.1





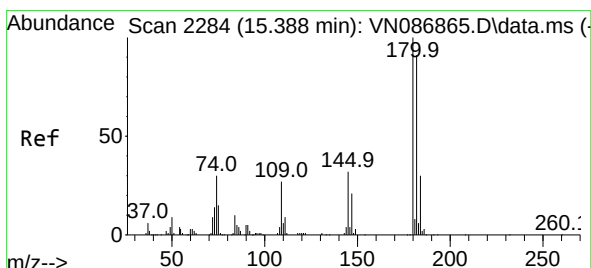
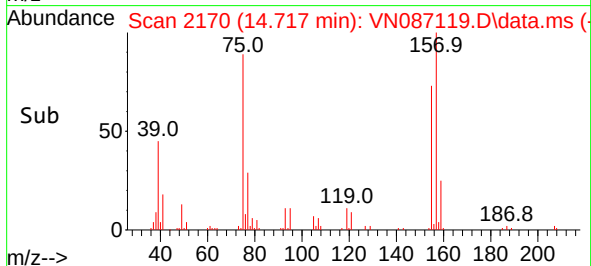
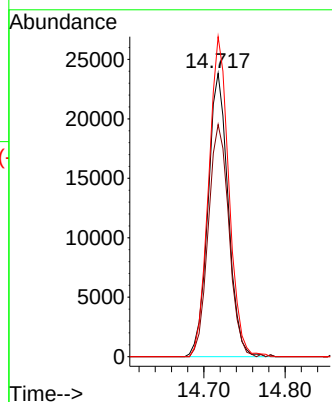
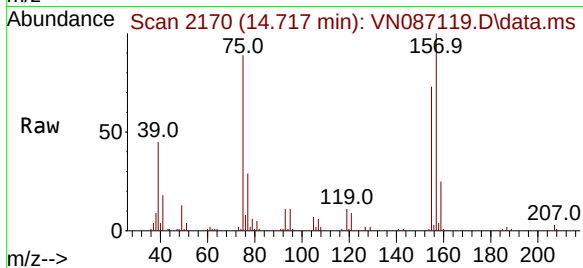
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.981 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MSD

Tgt Ion: 75 Resp: 41104
 Ion Ratio Lower Upper
 75 100
 155 83.7 41.1 123.4
 157 113.3 52.7 158.1

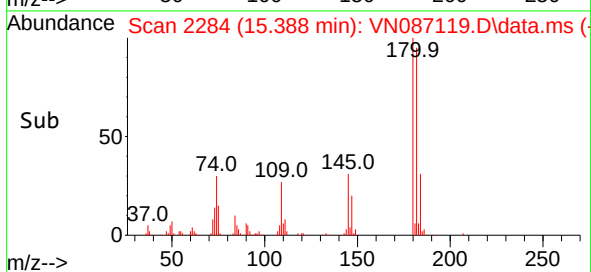
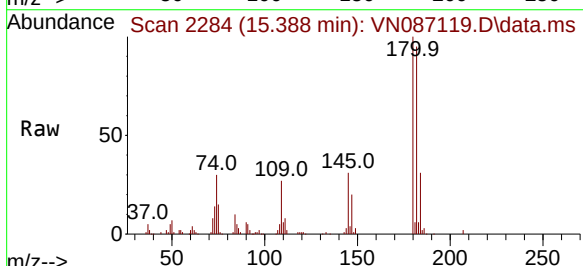
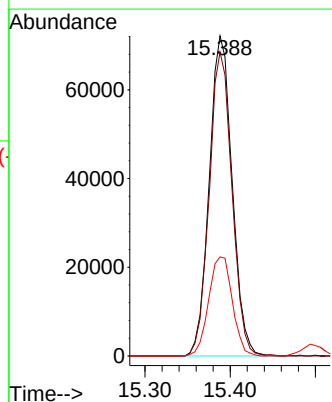
Manual Integrations
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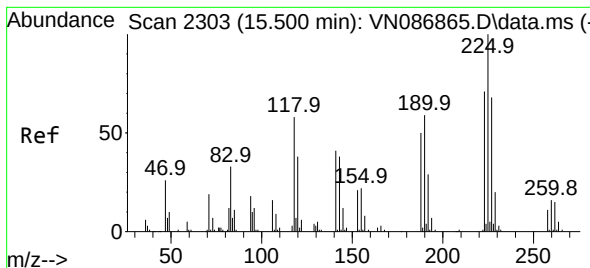
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#93
 1,2,4-Trichlorobenzene
 Concen: 47.005 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

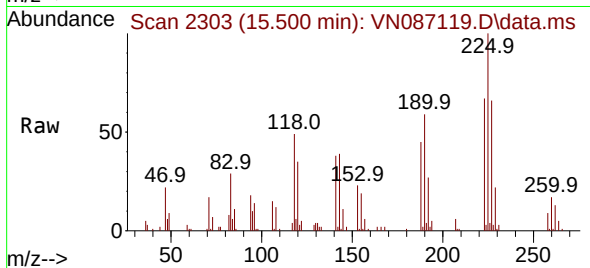
Tgt Ion:180 Resp: 134773
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.7
 145 32.0 16.0 47.9





#94
Hexachlorobutadiene
Concen: 37.040 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

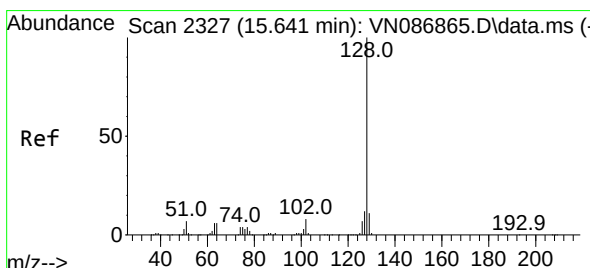
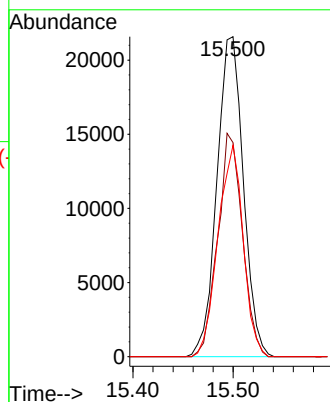
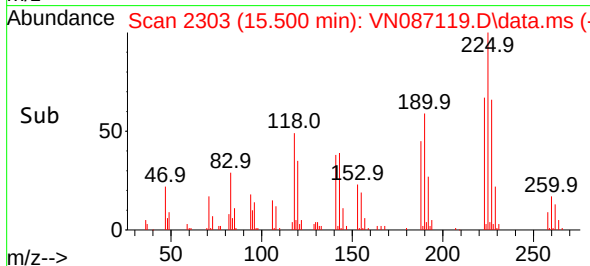
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MSD



Tgt Ion:225 Resp: 3956
Ion Ratio Lower Upper
225 100
223 65.2 33.5 100.4
227 62.8 31.1 93.5

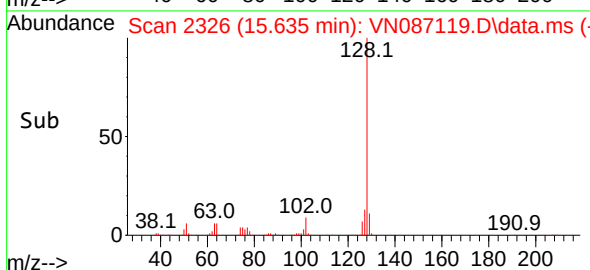
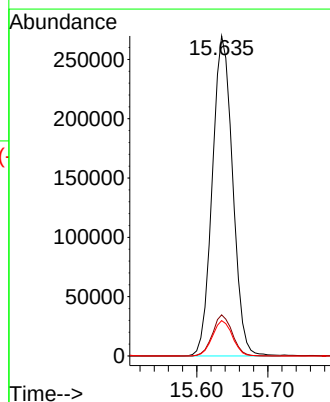
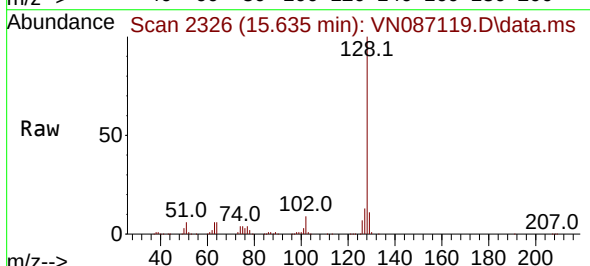
Manual Integrations
APPROVED

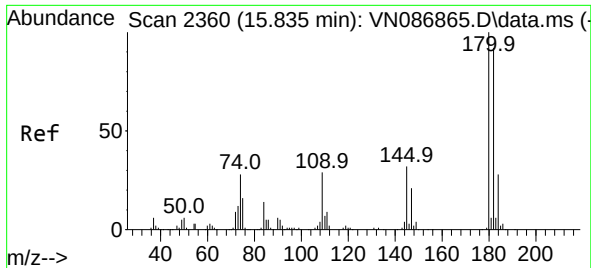
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#95
Naphthalene
Concen: 50.223 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087119.D
Acq: 19 Jun 2025 17:52

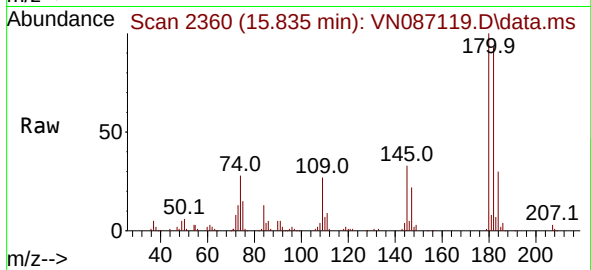
Tgt Ion:128 Resp: 535992
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 45.564 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087119.D
 Acq: 19 Jun 2025 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MSD



Tgt Ion:180 Resp: 129799
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.0 141.0
 145 33.6 16.6 49.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

