

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086911.D
 Acq On : 09 Jun 2025 17:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 03:36:49 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 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	236708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	151095	47.675	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	8.177	113	129680	52.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.180%		
50) Toluene-d8	10.565	98	499965	50.734	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.460%		
62) 4-Bromofluorobenzene	12.847	95	182658	49.889	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	118146	50.059	ug/l	99
3) Chloromethane	2.395	50	127974	41.991	ug/l	100
4) Vinyl Chloride	2.553	62	151561	48.209	ug/l	100
5) Bromomethane	2.995	94	81229	46.171	ug/l	100
6) Chloroethane	3.153	64	96939	47.736	ug/l	93
7) Trichlorofluoromethane	3.530	101	201360	49.022	ug/l	97
8) Diethyl Ether	3.983	74	91879	51.339	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	123565	47.882	ug/l	99
10) Methyl Iodide	4.612	142	133936	40.037	ug/l	99
11) Tert butyl alcohol	5.536	59	189378	220.221	ug/l	100
12) 1,1-Dichloroethene	4.365	96	130373	49.484	ug/l	97
13) Acrolein	4.200	56	73143	268.707	ug/l	100
14) Allyl chloride	5.047	41	189080	43.274	ug/l	97
15) Acrylonitrile	5.736	53	475432	236.533	ug/l	100
16) Acetone	4.447	43	357830	212.908	ug/l	99
17) Carbon Disulfide	4.742	76	336096	46.119	ug/l	99
18) Methyl Acetate	5.041	43	226758	46.298	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	474699	49.762	ug/l	99
20) Methylene Chloride	5.294	84	148574	47.218	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	139305	47.524	ug/l	95
22) Diisopropyl ether	6.688	45	431629	46.864	ug/l	97
23) Vinyl Acetate	6.618	43	1840663	236.538	ug/l	98
24) 1,1-Dichloroethane	6.583	63	255395	48.185	ug/l	99
25) 2-Butanone	7.494	43	609830	223.226	ug/l	95
26) 2,2-Dichloropropane	7.500	77	188220	45.651	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	173722	49.555	ug/l	96
28) Bromochloromethane	7.824	49	111761	42.885	ug/l	90
29) Tetrahydrofuran	7.847	42	397327	223.263	ug/l	95
30) Chloroform	7.977	83	254626	48.104	ug/l	99
31) Cyclohexane	8.265	56	211876	41.219	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	212823	47.273	ug/l	98
36) 1,1-Dichloropropene	8.382	75	182786	49.276	ug/l	99
37) Ethyl Acetate	7.571	43	216357	45.818	ug/l	97
38) Carbon Tetrachloride	8.371	117	180152	49.468	ug/l	95
39) Methylcyclohexane	9.606	83	216305	42.563	ug/l	95
40) Benzene	8.612	78	593973	48.968	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	120583	45.470	ug/l	93
42) 1,2-Dichloroethane	8.677	62	180979	49.191	ug/l	99
43) Isopropyl Acetate	8.694	43	351721	46.408	ug/l	96
44) Trichloroethene	9.359	130	148206	51.528	ug/l	97
45) 1,2-Dichloropropane	9.624	63	143932	48.774	ug/l	100
46) Dibromomethane	9.712	93	100752	51.401	ug/l	98
47) Bromodichloromethane	9.894	83	199966	49.584	ug/l	98
48) Methyl methacrylate	9.682	41	163795	46.955	ug/l	95
49) 1,4-Dioxane	9.706	88	62666	987.483	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1102726	241.688	ug/l	97
52) Toluene	10.629	92	372743	50.283	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	227518	50.452	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	239800	49.698	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	144074	50.511	ug/l	99
56) Ethyl methacrylate	10.876	69	246945	54.356	ug/l	94
57) 1,3-Dichloropropane	11.165	76	246620	49.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	630783	232.785	ug/l	98
59) 2-Hexanone	11.200	43	749210	254.927	ug/l	92
60) Dibromochloromethane	11.359	129	157642	53.046	ug/l	100
61) 1,2-Dibromoethane	11.470	107	151234	51.729	ug/l	98
64) Tetrachloroethene	11.106	164	110856	48.432	ug/l	97
65) Chlorobenzene	11.894	112	406325	50.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	133877	52.211	ug/l	99
67) Ethyl Benzene	11.965	91	678406	49.375	ug/l	99
68) m/p-Xylenes	12.070	106	534450	101.613	ug/l	98
69) o-Xylene	12.400	106	260364	51.686	ug/l	96
70) Styrene	12.412	104	450190	52.227	ug/l	99
71) Bromoform	12.576	173	106042	55.815	ug/l #	100
73) Isopropylbenzene	12.694	105	620099	49.532	ug/l	99
74) N-amyl acetate	12.506	43	252846	57.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	222152	52.379	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	214947m	52.621	ug/l	
77) Bromobenzene	12.976	156	156843	54.629	ug/l	96
78) n-propylbenzene	13.035	91	734563	48.282	ug/l	99
79) 2-Chlorotoluene	13.123	91	453845	49.742	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	511955	49.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	95072	53.576	ug/l	91
82) 4-Chlorotoluene	13.217	91	461943	50.037	ug/l	98
83) tert-Butylbenzene	13.435	119	443059	46.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	520317	50.201	ug/l	99
85) sec-Butylbenzene	13.612	105	640017	46.581	ug/l	99
86) p-Isopropyltoluene	13.729	119	539030	47.459	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	288285	51.035	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	295752	51.354	ug/l	99
89) n-Butylbenzene	14.053	91	483251	43.927	ug/l	99
90) Hexachloroethane	14.329	117	93467	48.549	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	281872	51.939	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	49570	48.871	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	158810	45.826	ug/l	99
94) Hexachlorobutadiene	15.500	225	51579	39.949	ug/l	100
95) Naphthalene	15.635	128	691305	53.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	152993	44.434	ug/l	99

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

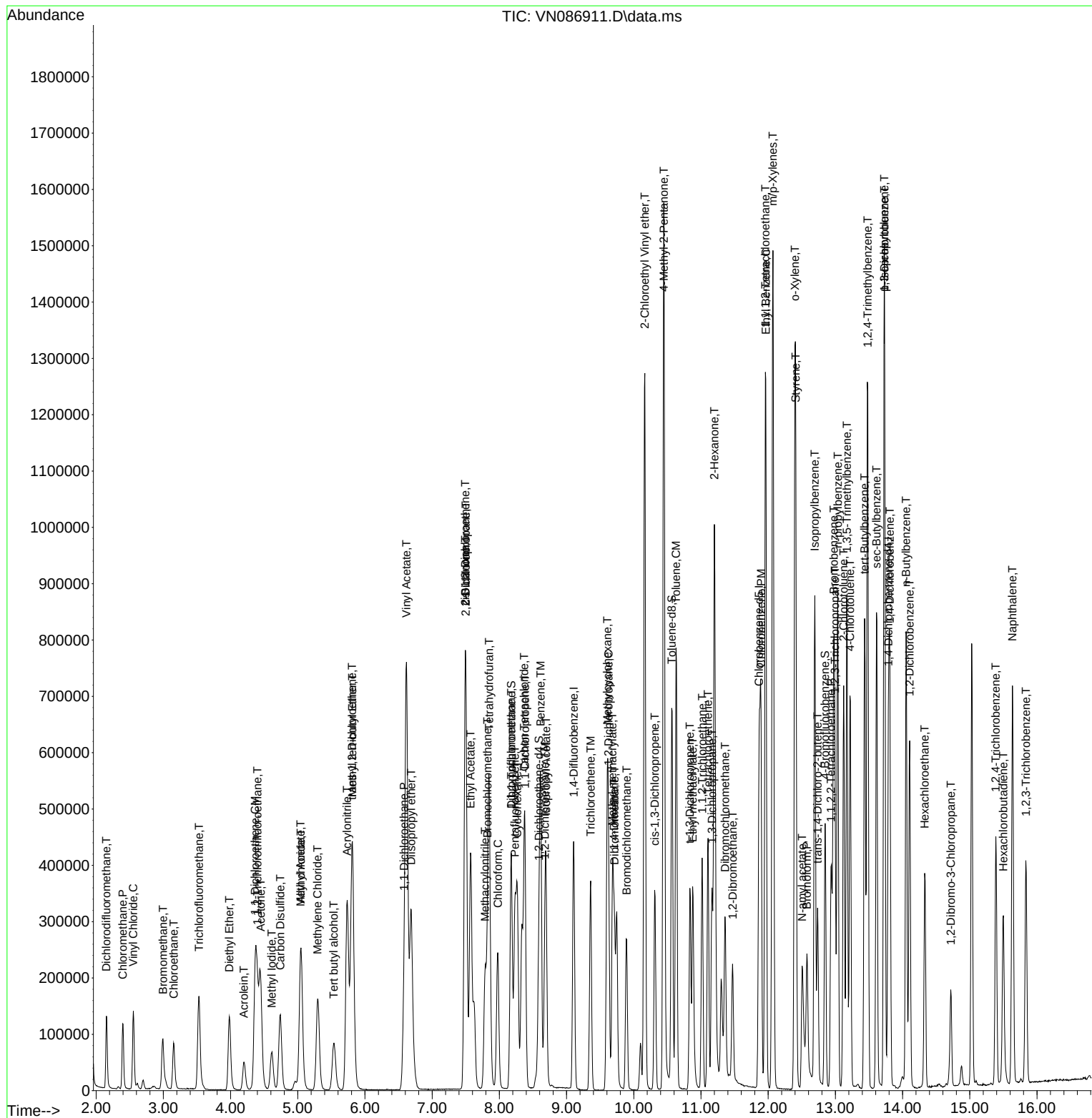
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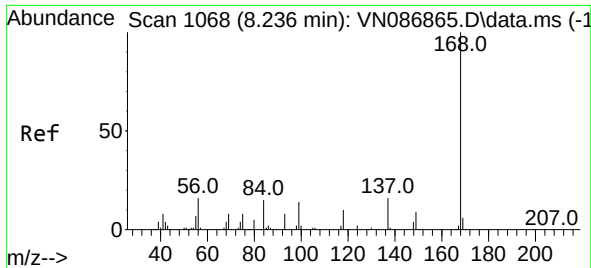
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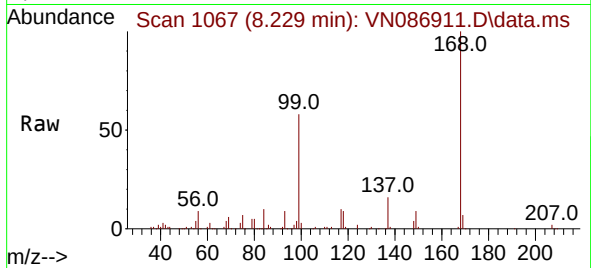
Reviewed By : John Carlone 06/10/2025
Supervised By : Mahesh Dadoda 06/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN086911.D
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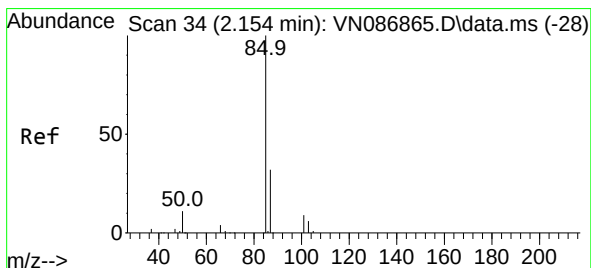
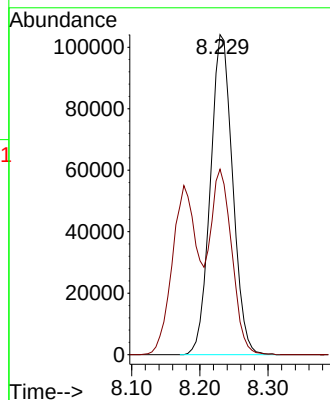
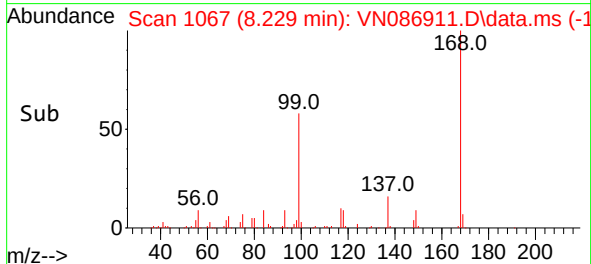
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 236708
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7

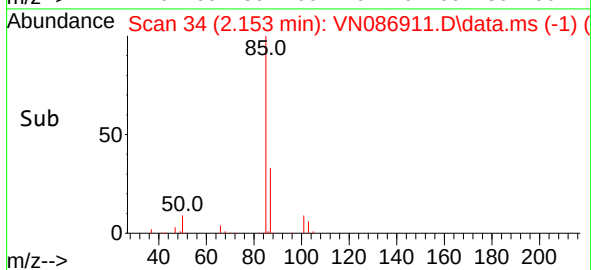
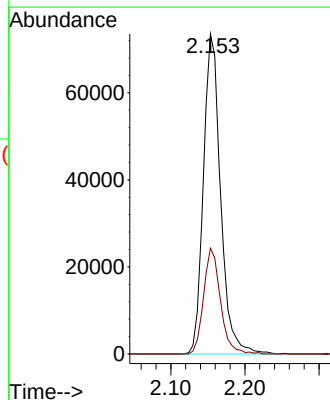
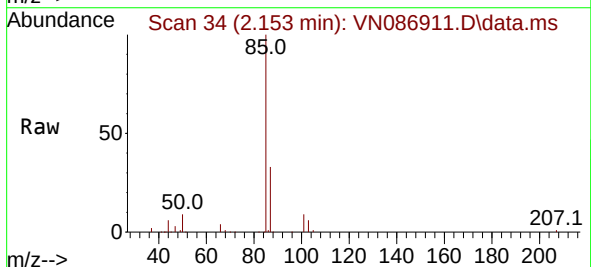
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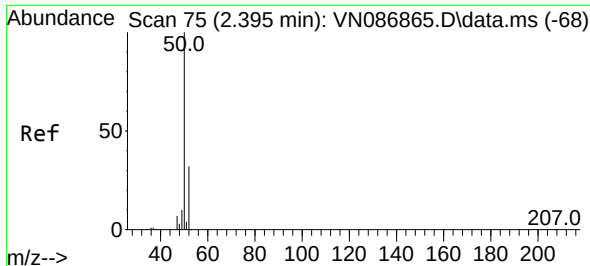
Reviewed By :John Carlone 06/10/2025
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#2
Dichlorodifluoromethane
Concen: 50.059 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

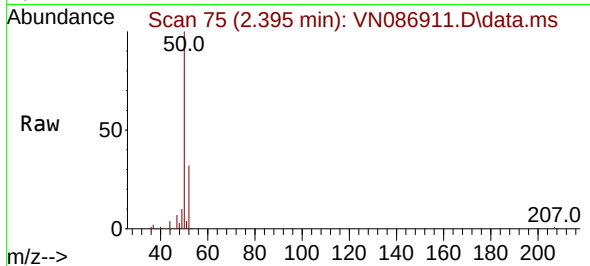
Tgt Ion: 85 Resp: 118146
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 41.991 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

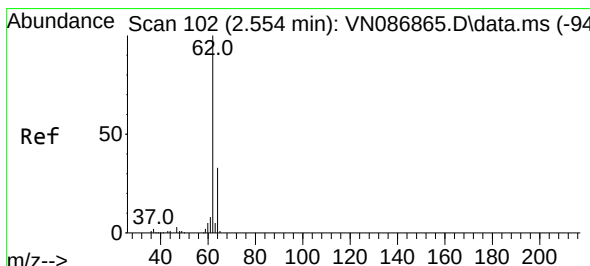
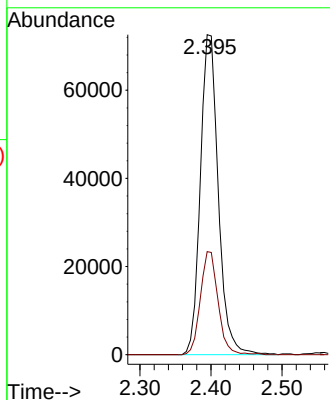
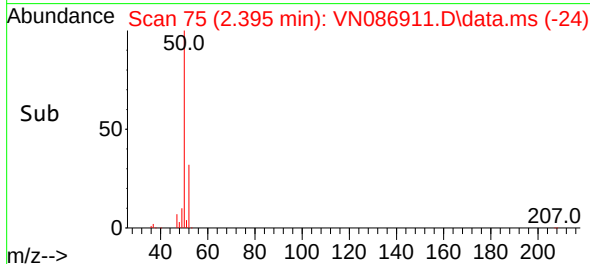
Instrument :
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Tgt Ion: 50 Resp: 127974
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

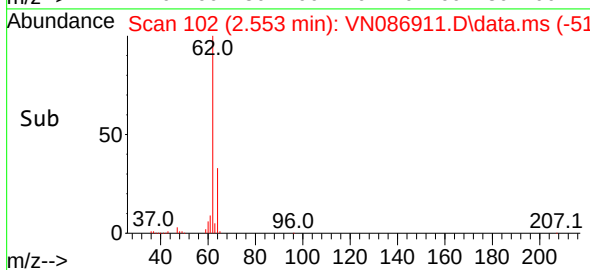
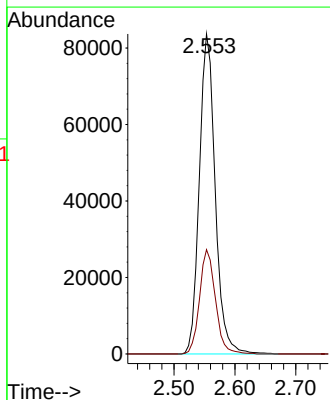
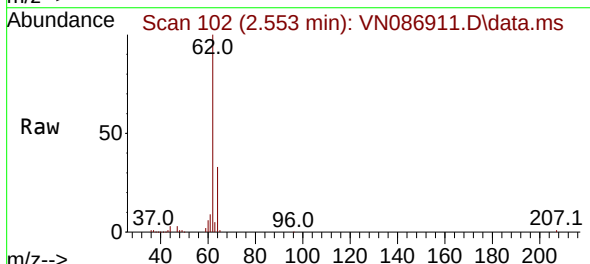
Manual Integrations
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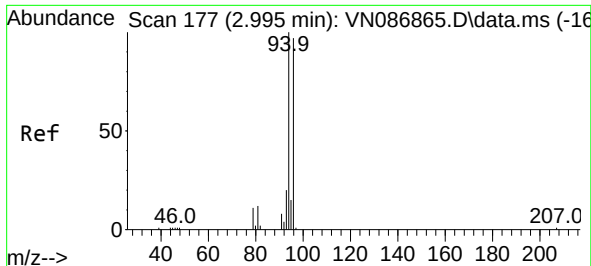
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#4
Vinyl Chloride
Concen: 48.209 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

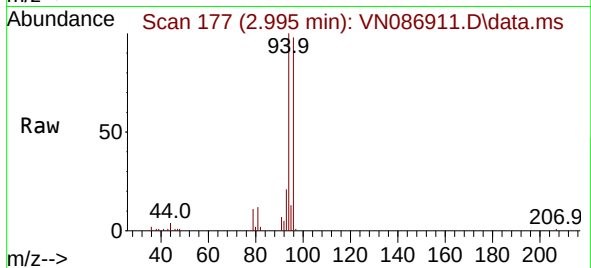
Tgt Ion: 62 Resp: 151561
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 46.171 ug/l
RT: 2.995 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

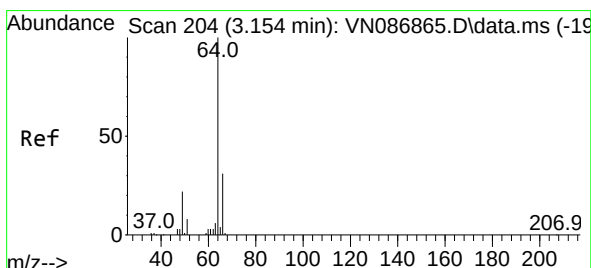
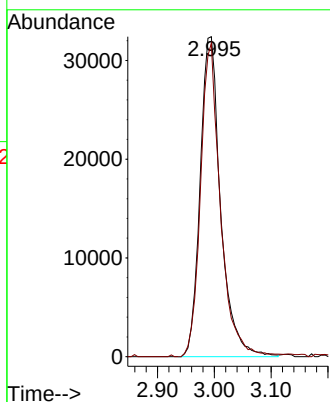
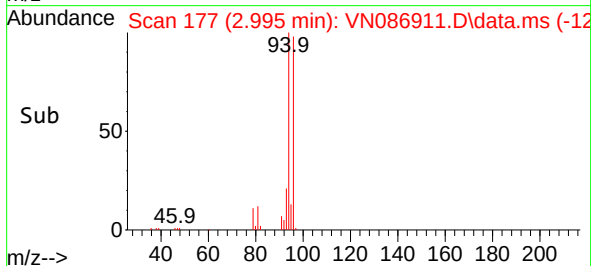
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Tgt Ion: 94 Resp: 81229
Ion Ratio Lower Upper
94 100
96 97.9 77.9 116.9

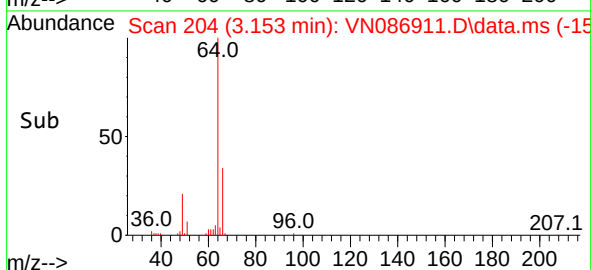
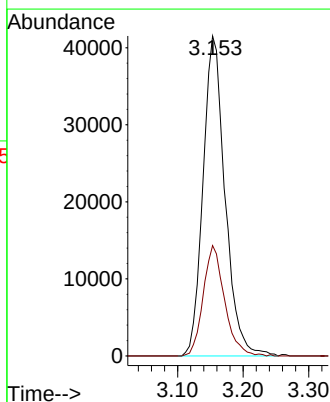
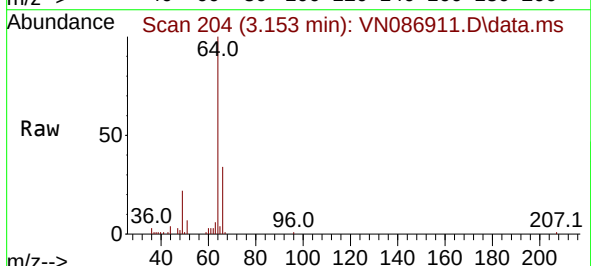
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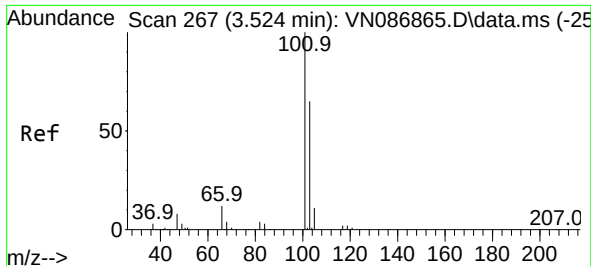
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#6
Chloroethane
Concen: 47.736 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086911.D
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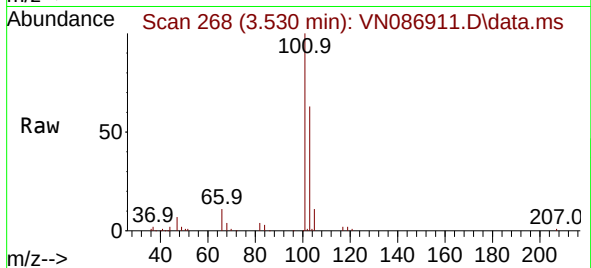
Tgt Ion: 64 Resp: 96939
Ion Ratio Lower Upper
64 100
66 34.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 49.022 ug/l
 RT: 3.530 min Scan# 201360
 Delta R.T. 0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

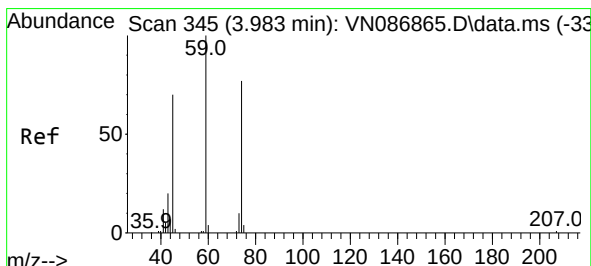
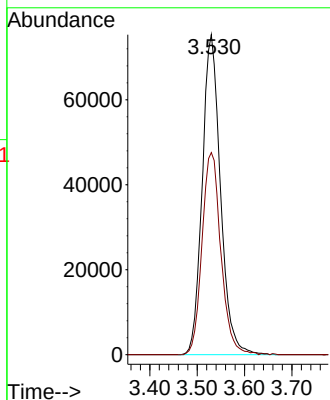
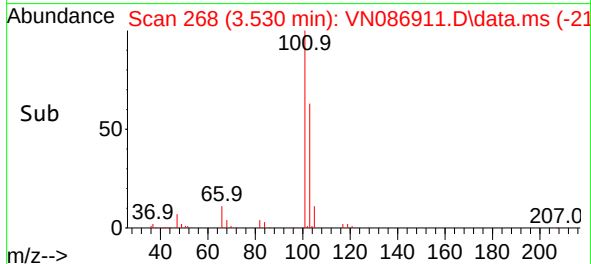
Instrument :
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Tgt Ion:101 Resp: 201360
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2

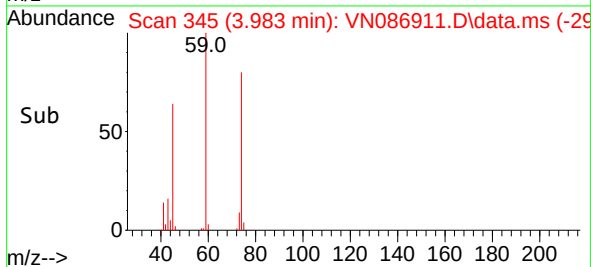
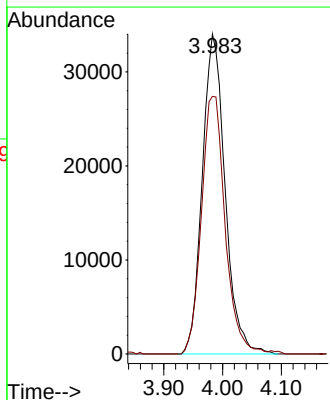
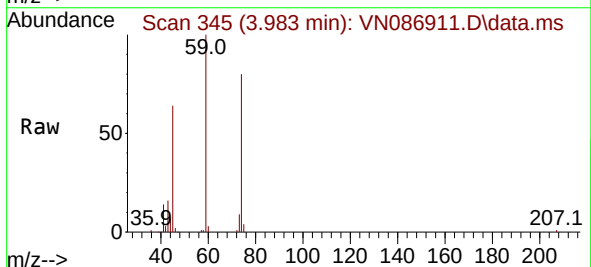
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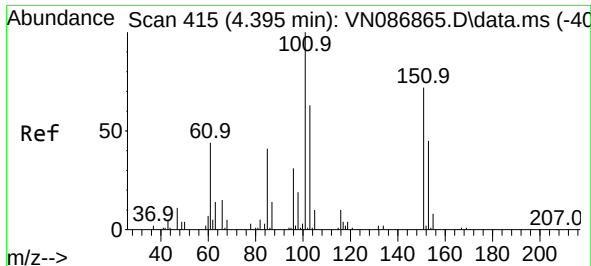
Reviewed By :John Carlone 06/10/2025
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#8
 Diethyl Ether
 Concen: 51.339 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion: 74 Resp: 91879
 Ion Ratio Lower Upper
 74 100
 45 83.6 45.5 136.5





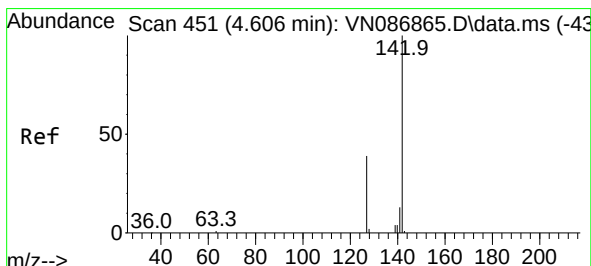
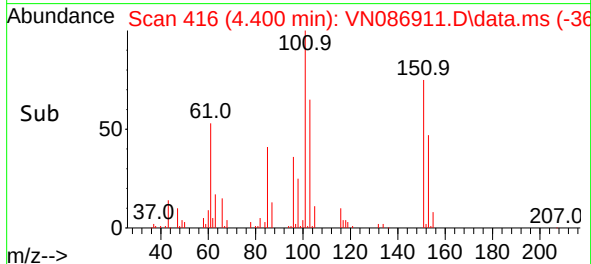
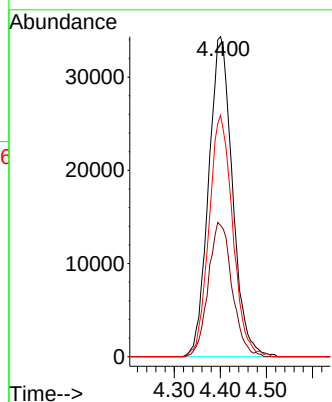
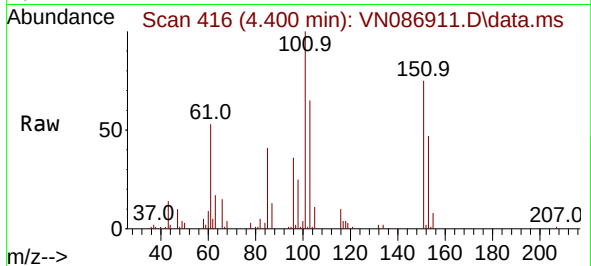
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.882 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12356
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.8
151 74.9 58.7 88.1

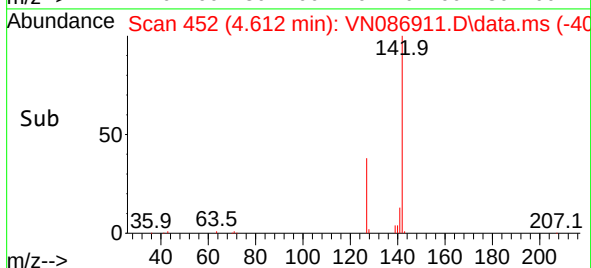
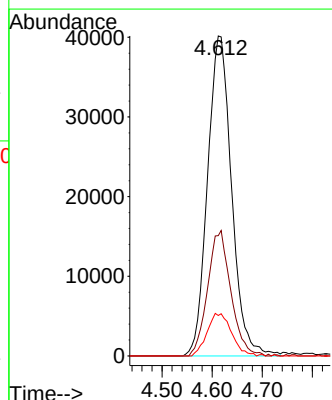
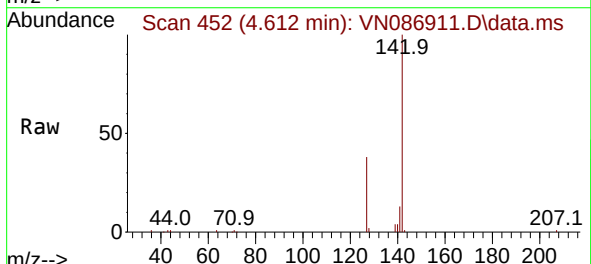
Manual Integrations
APPROVED

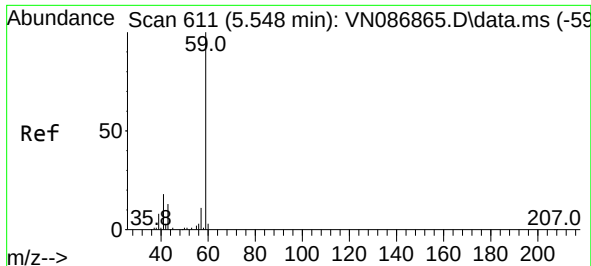
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#10
Methyl Iodide
Concen: 40.037 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

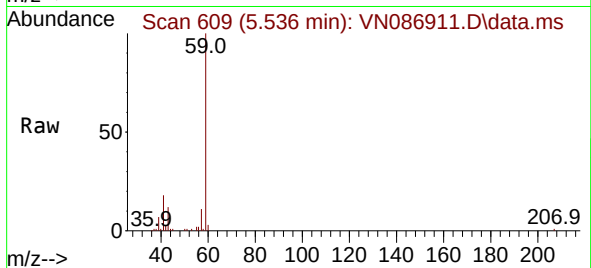
Tgt Ion:142 Resp: 133936
Ion Ratio Lower Upper
142 100
127 37.6 30.9 46.3
141 12.7 10.4 15.6





#11
Tert butyl alcohol
Concen: 220.221 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

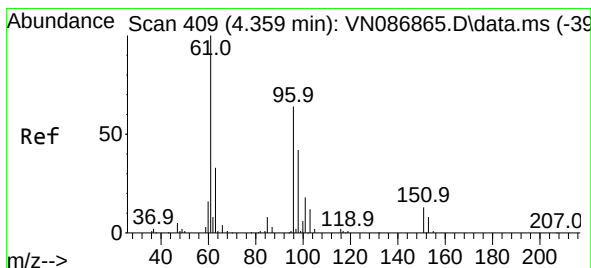
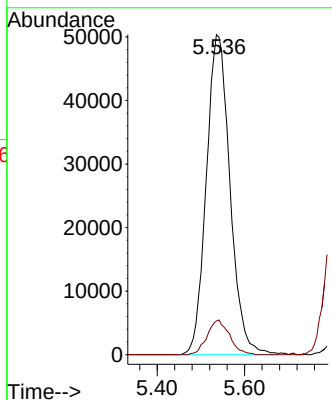
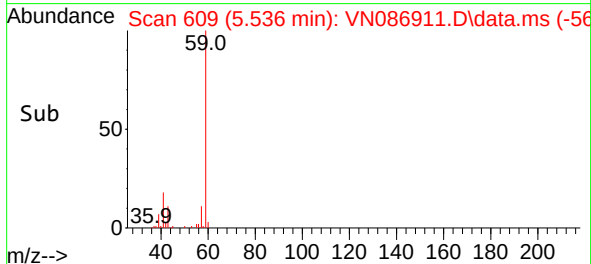
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 189378
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

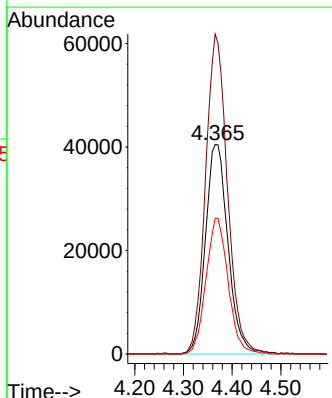
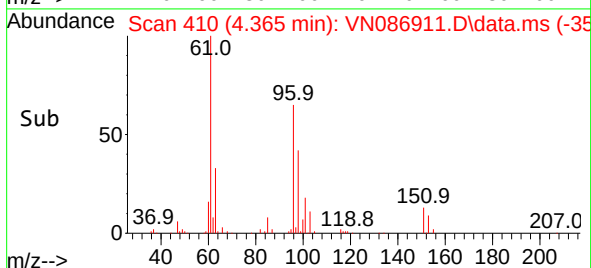
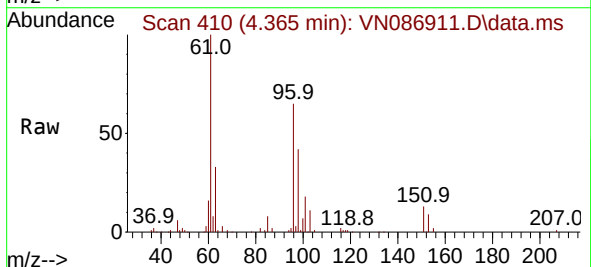
Manual Integrations
APPROVED

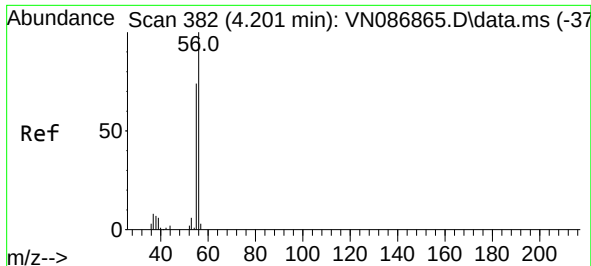
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#12
1,1-Dichloroethene
Concen: 49.484 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

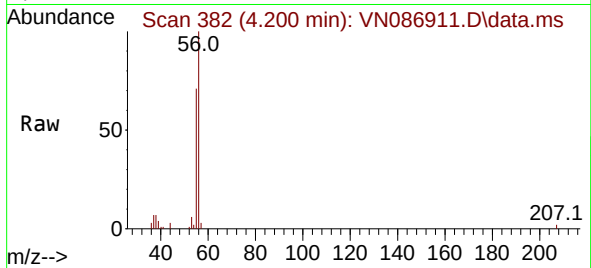
Tgt Ion: 96 Resp: 130373
Ion Ratio Lower Upper
96 100
61 152.7 125.8 188.6
98 64.8 52.5 78.7





#13
Acrolein
Concen: 268.707 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

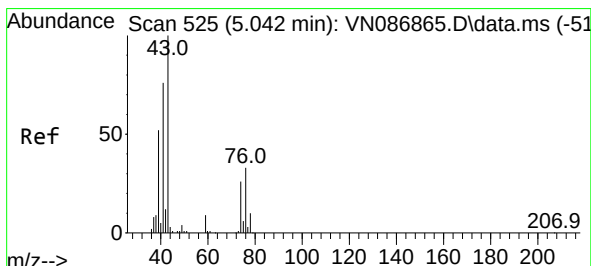
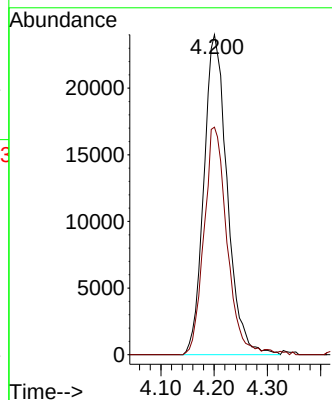
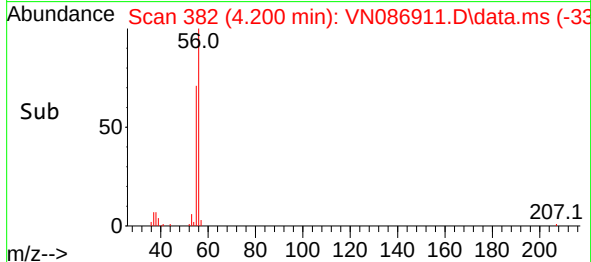
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7314
Ion Ratio Lower Upper
56 100
55 69.5 55.6 83.4

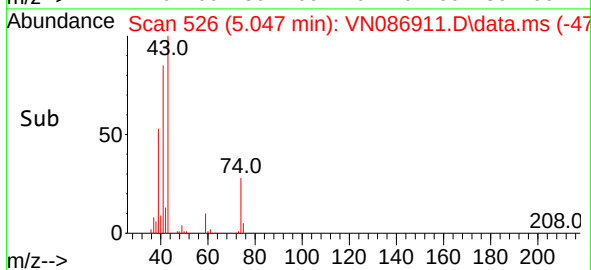
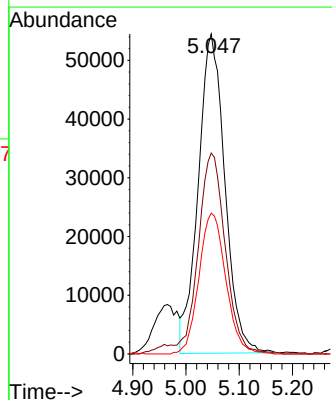
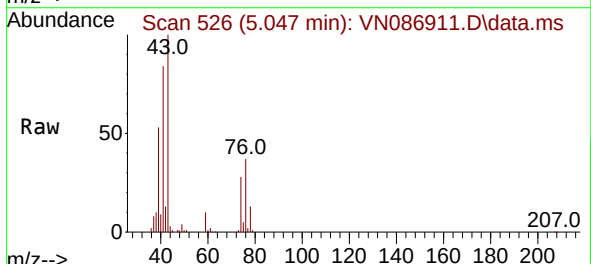
Manual Integrations
APPROVED

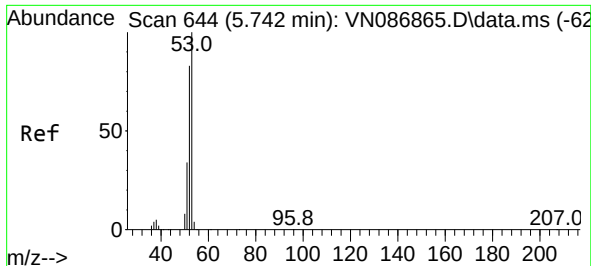
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#14
Allyl chloride
Concen: 43.274 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

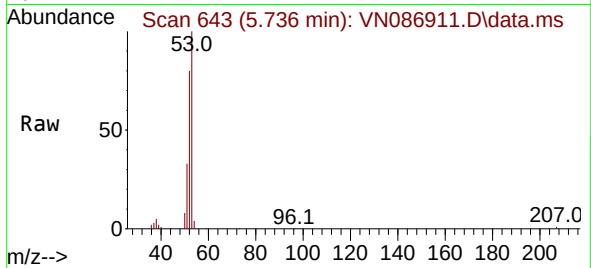
Tgt Ion: 41 Resp: 189080
Ion Ratio Lower Upper
41 100
39 63.9 51.3 76.9
76 44.5 31.4 47.0





#15
Acrylonitrile
Concen: 236.533 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

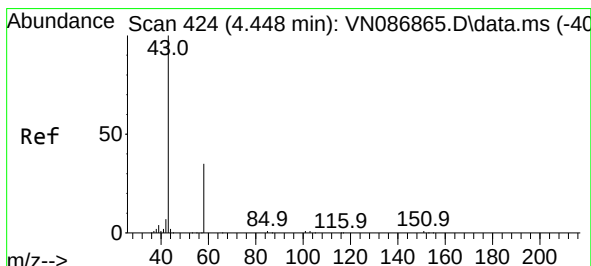
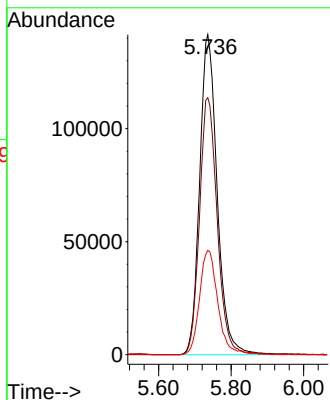
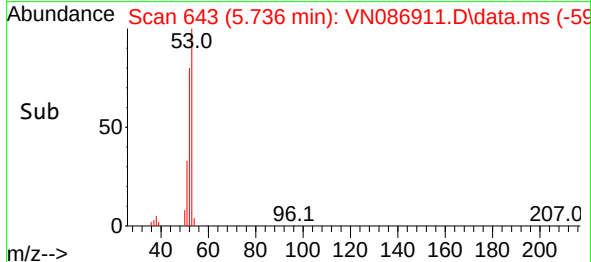
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 475432
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.0 27.2 40.8

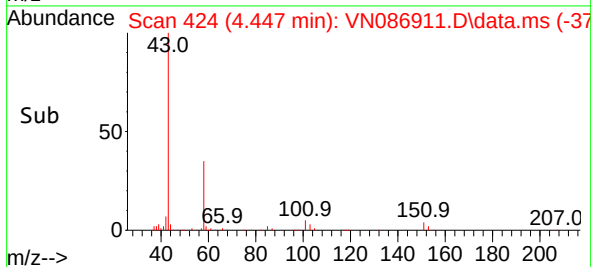
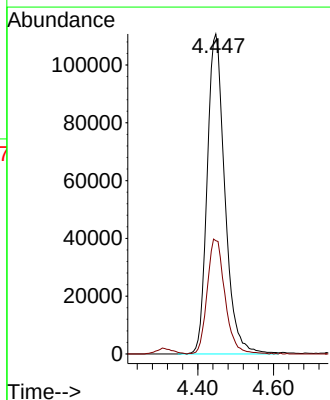
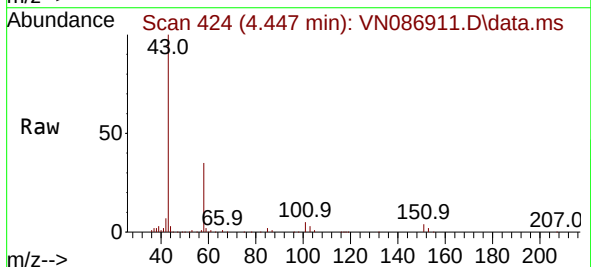
Manual Integrations
APPROVED

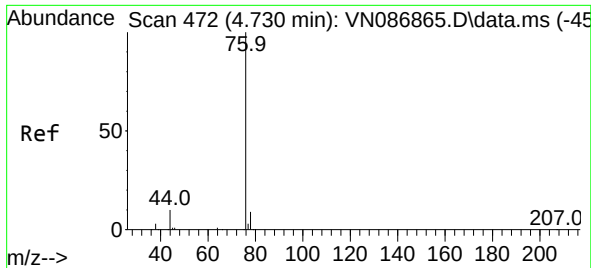
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#16
Acetone
Concen: 212.908 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

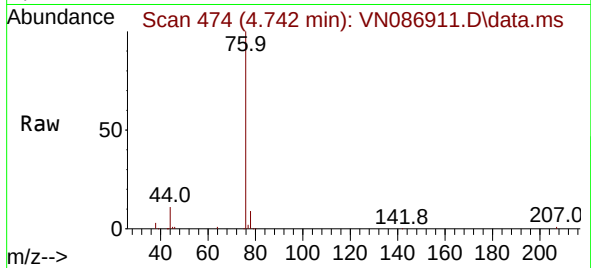
Tgt Ion: 43 Resp: 357830
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0





#17
Carbon Disulfide
Concen: 46.119 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

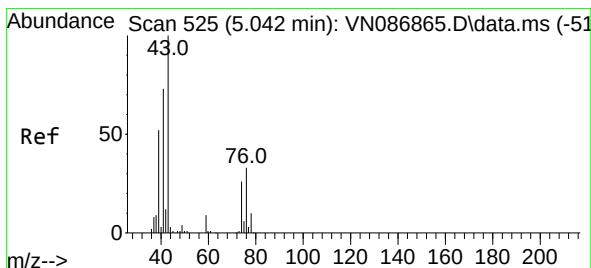
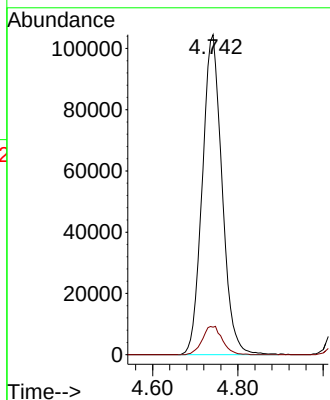
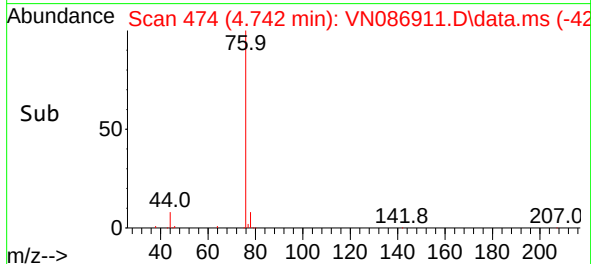
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 336090
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

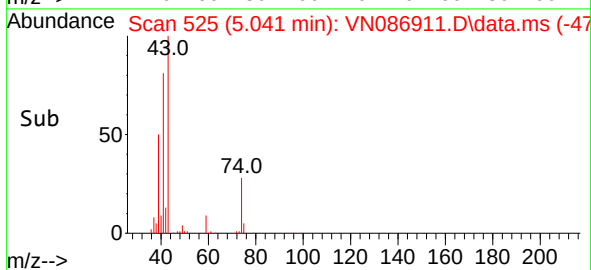
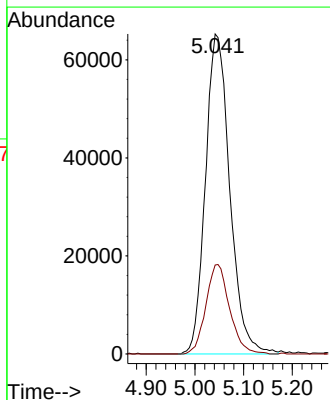
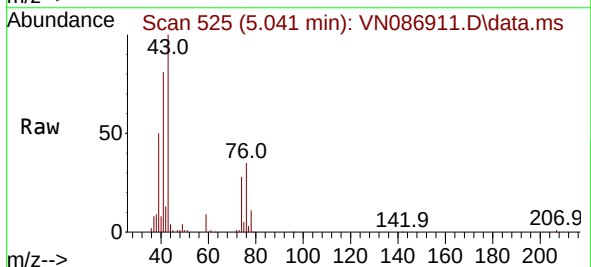
Manual Integrations
APPROVED

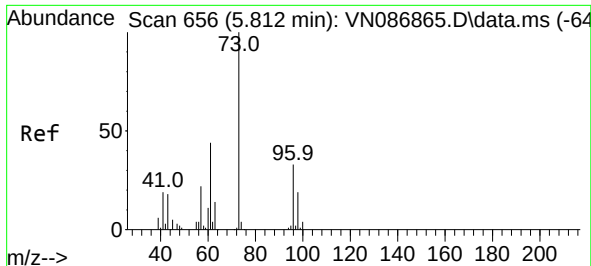
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 46.298 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

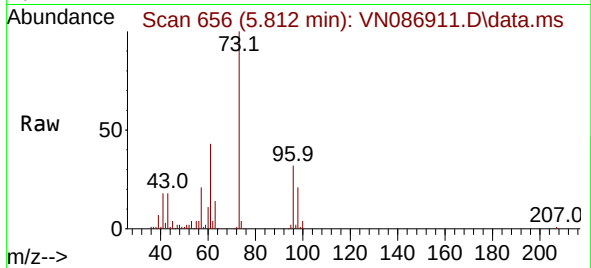
Tgt Ion: 43 Resp: 226758
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 49.762 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

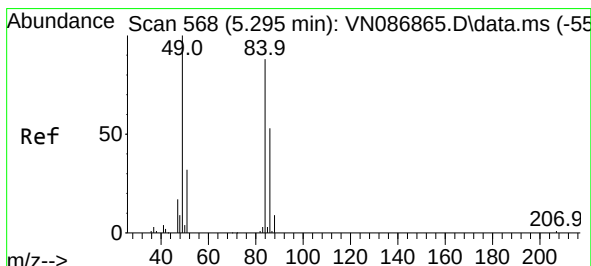
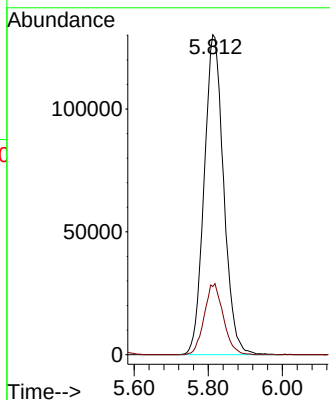
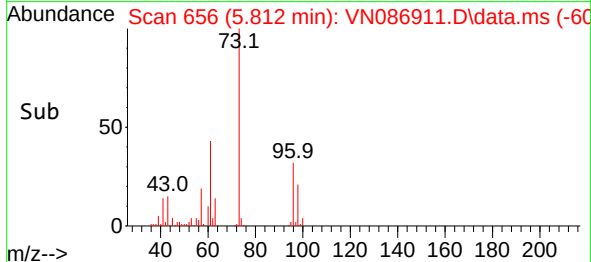
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 474699
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

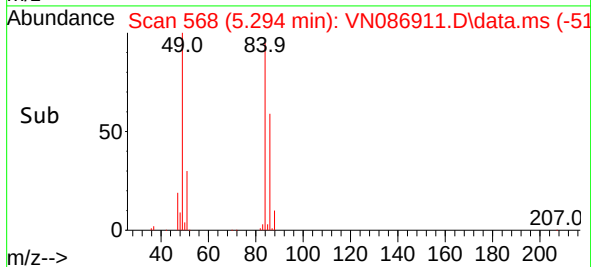
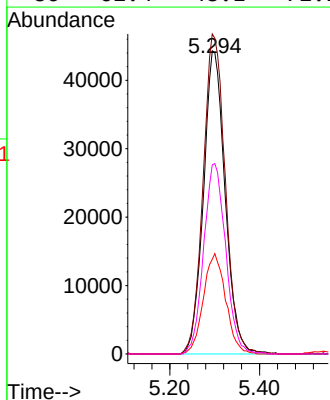
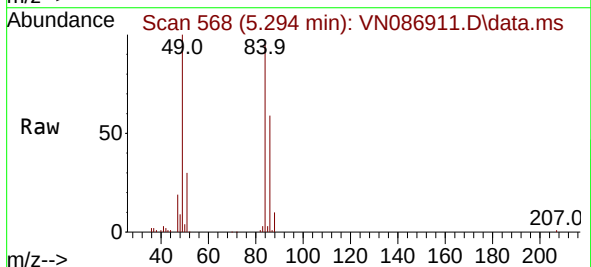
Manual Integrations
APPROVED

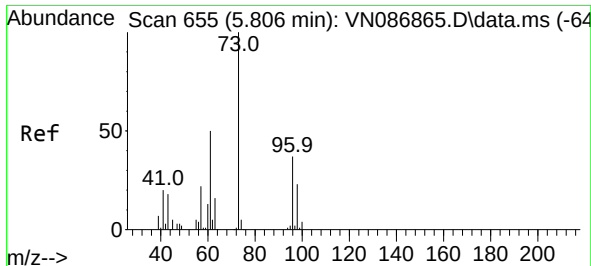
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#20
Methylene Chloride
Concen: 47.218 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

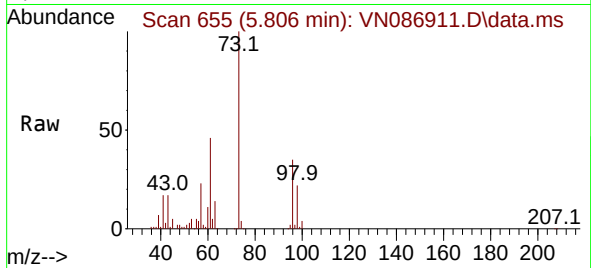
Tgt Ion: 84 Resp: 148574
Ion Ratio Lower Upper
84 100
49 105.5 90.5 135.7
51 31.3 28.5 42.7
86 62.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 47.524 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

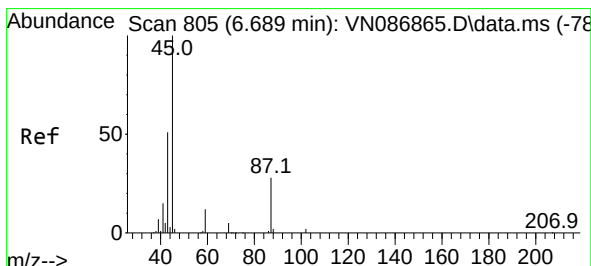
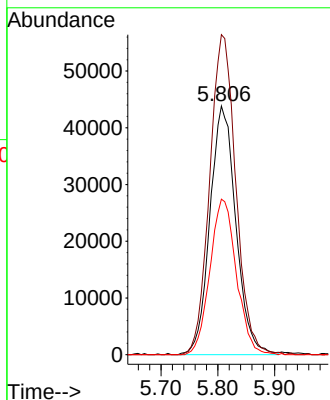
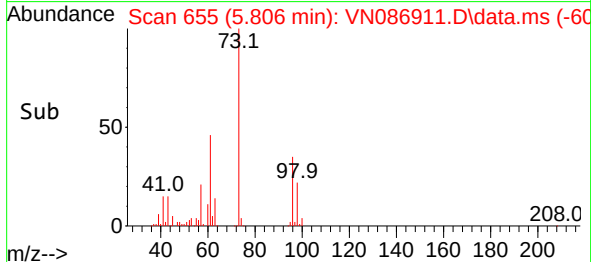
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 139305
Ion Ratio Lower Upper
96 100
61 128.7 109.2 163.8
98 62.5 49.8 74.8

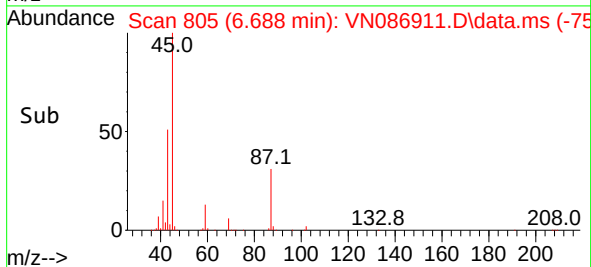
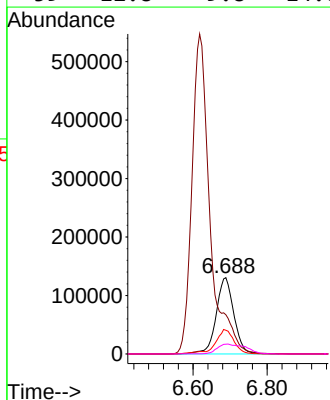
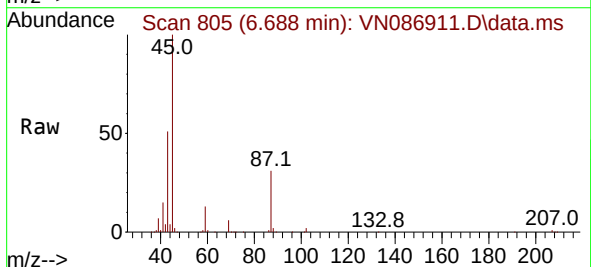
Manual Integrations
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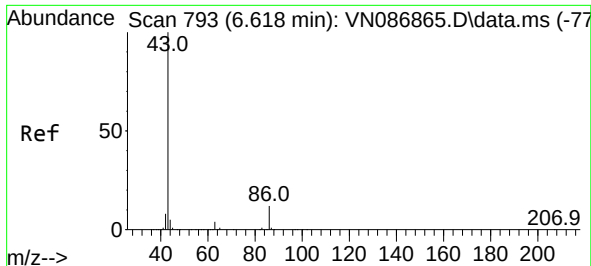
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#22
Diisopropyl ether
Concen: 46.864 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

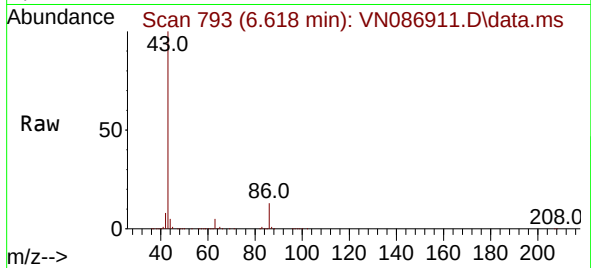
Tgt Ion: 45 Resp: 431629
Ion Ratio Lower Upper
45 100
43 50.9 41.9 62.9
87 31.0 22.4 33.6
59 12.8 9.8 14.6





#23
 Vinyl Acetate
 Concen: 236.538 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

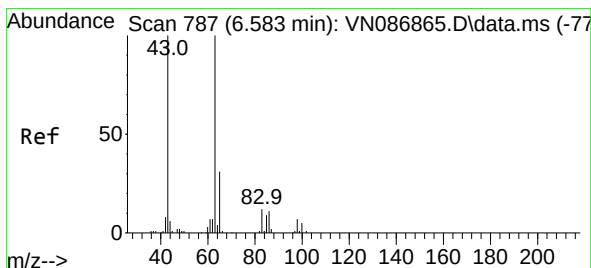
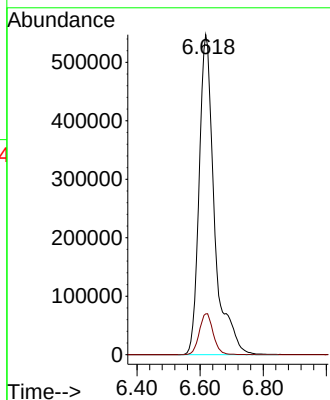
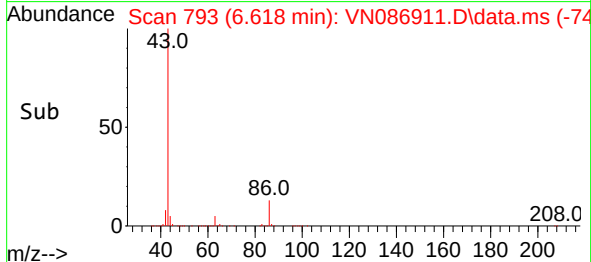
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 184066
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.5 14.3

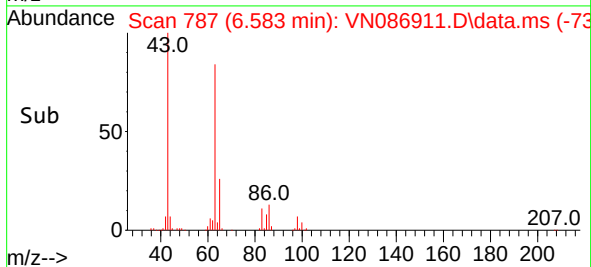
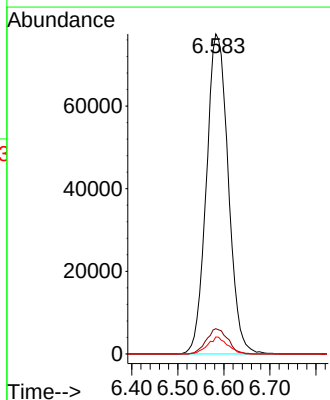
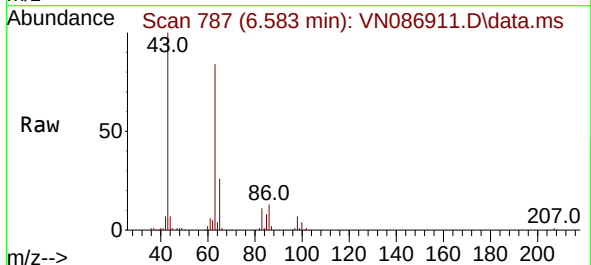
Manual Integrations
 APPROVED

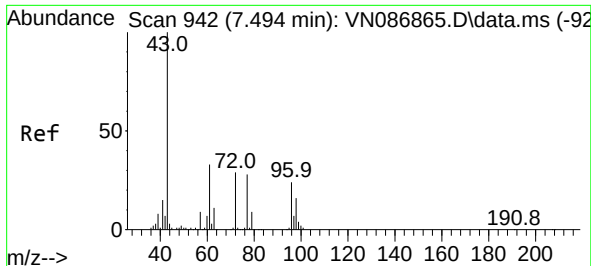
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#24
 1,1-Dichloroethane
 Concen: 48.185 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

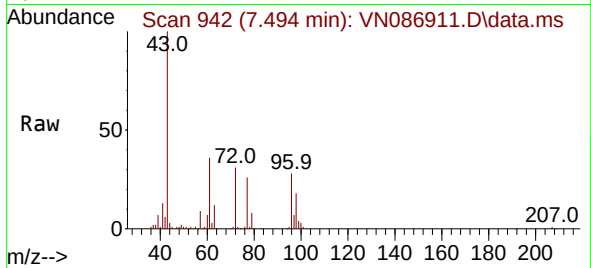
Tgt Ion: 63 Resp: 255395
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.3 2.6 7.8





#25
2-Butanone
Concen: 223.226 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

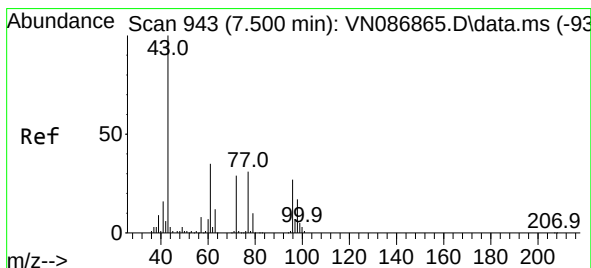
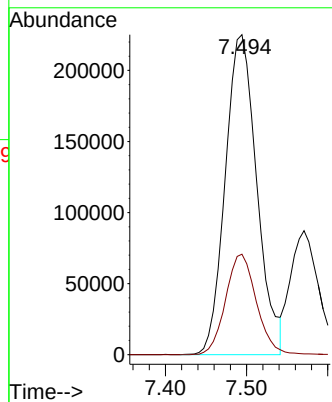
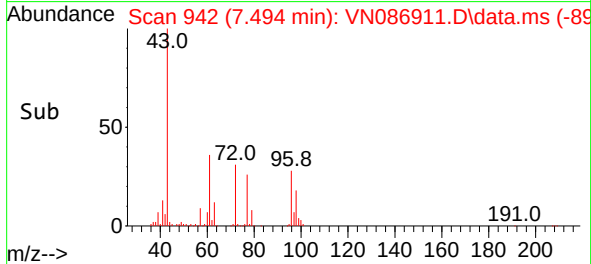
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 609830
Ion Ratio Lower Upper
43 100
72 31.4 23.0 34.6

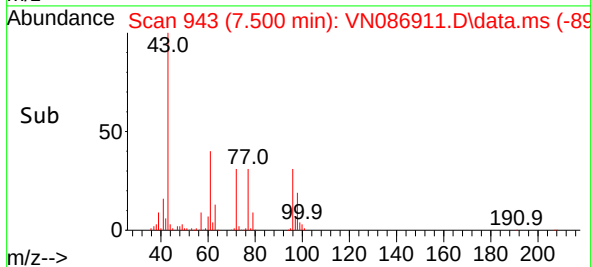
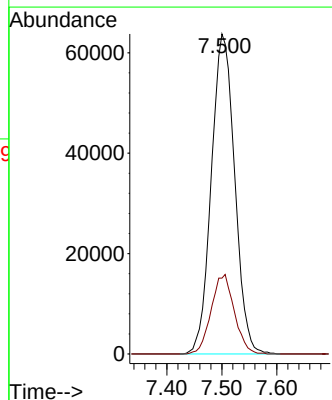
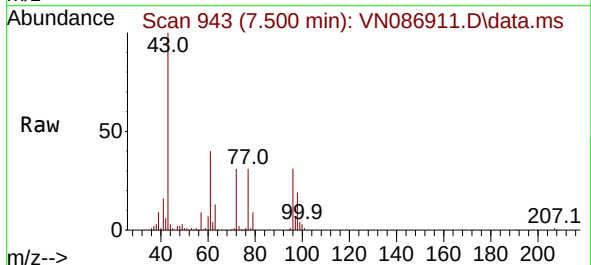
Manual Integrations
APPROVED

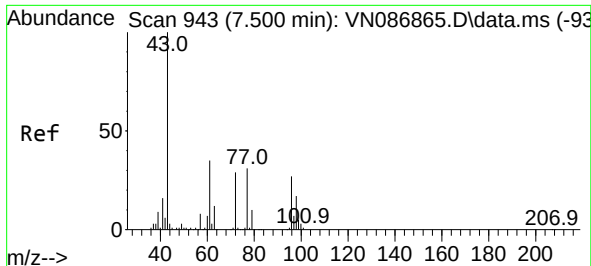
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#26
2,2-Dichloropropane
Concen: 45.651 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

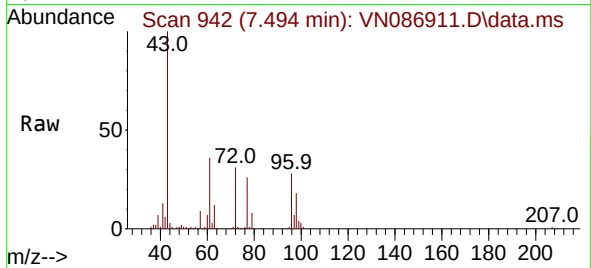
Tgt Ion: 77 Resp: 188220
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.555 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

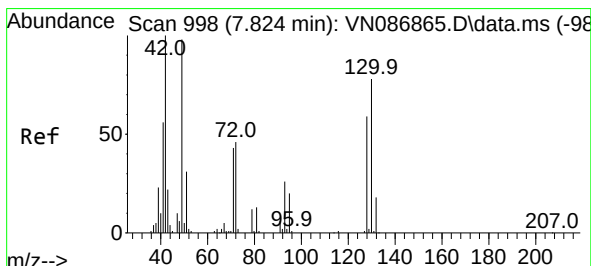
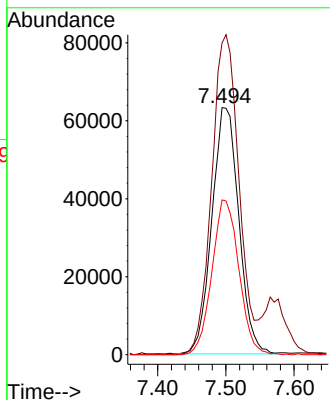
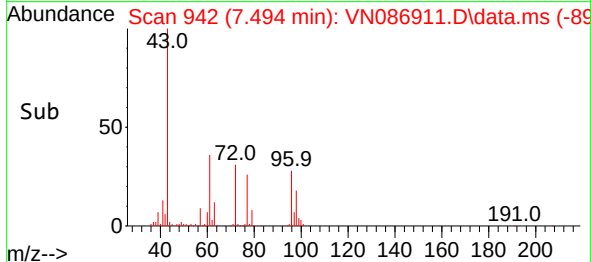
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17372
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 278.0
 98 62.9 0.0 128.2

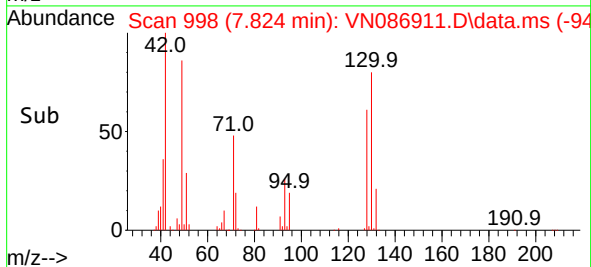
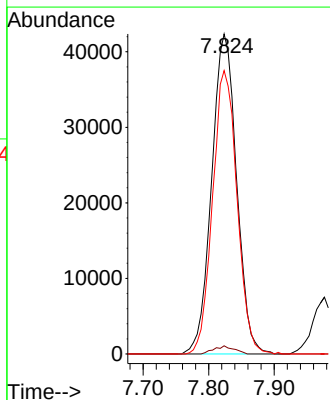
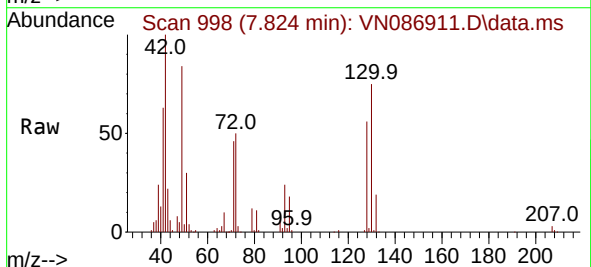
Manual Integrations
 APPROVED

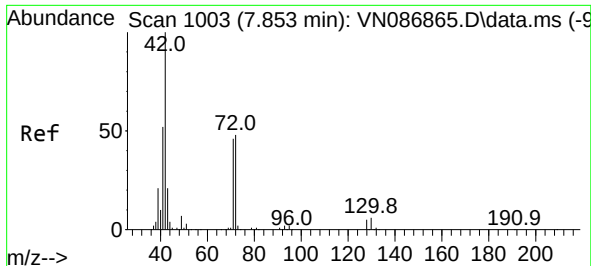
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#28
 Bromochloromethane
 Concen: 42.885 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion: 49 Resp: 111761
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 86.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 223.263 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 39732

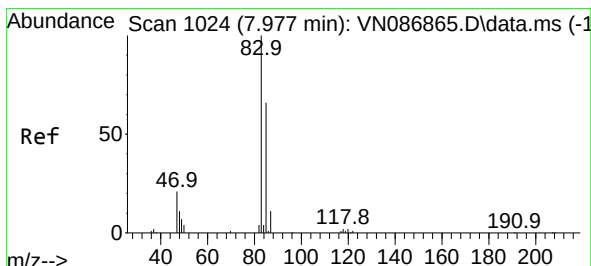
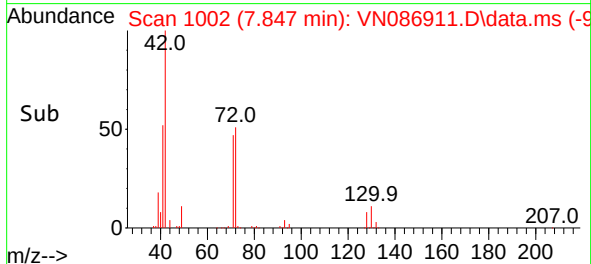
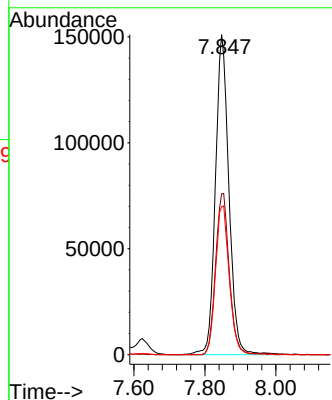
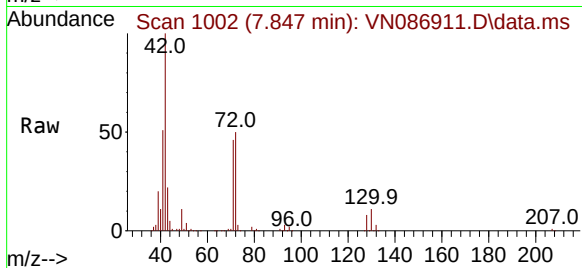
Ion	Ratio	Lower	Upper
42	100		
72	51.1	37.8	56.6
71	47.3	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#30

Chloroform

Concen: 48.104 ug/l

RT: 7.977 min Scan# 1024

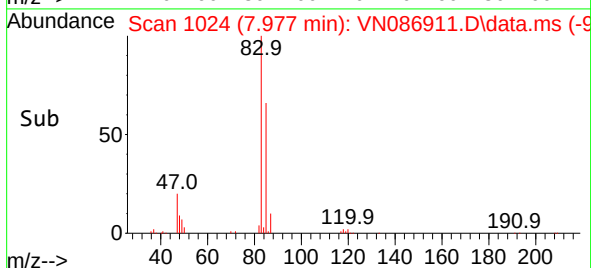
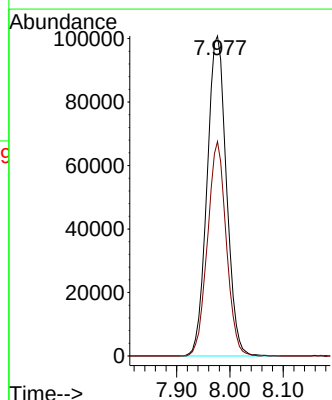
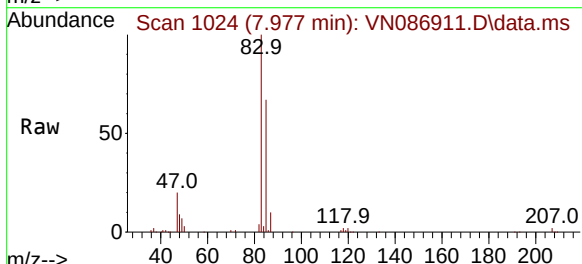
Delta R.T. -0.000 min

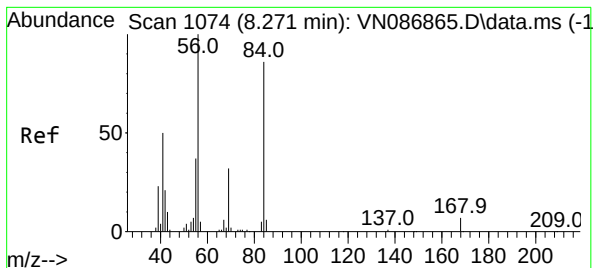
Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Tgt Ion: 83 Resp: 254626

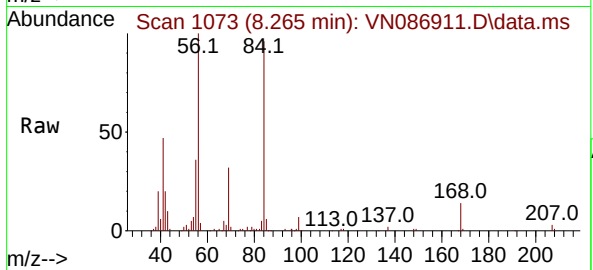
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.9	79.3





#31
Cyclohexane
Concen: 41.219 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

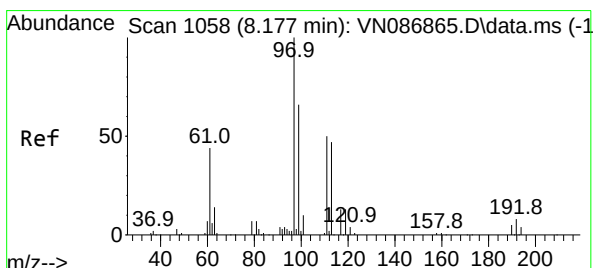
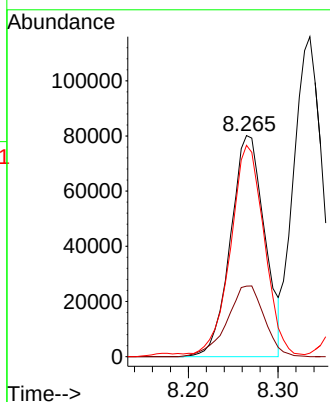
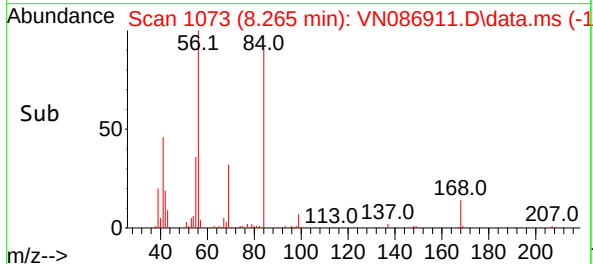
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 211870
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.0
84 94.1 68.8 103.2

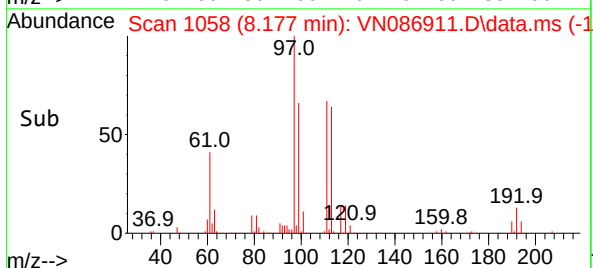
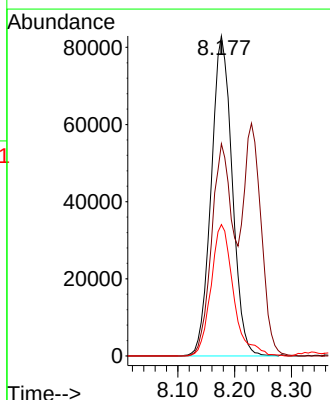
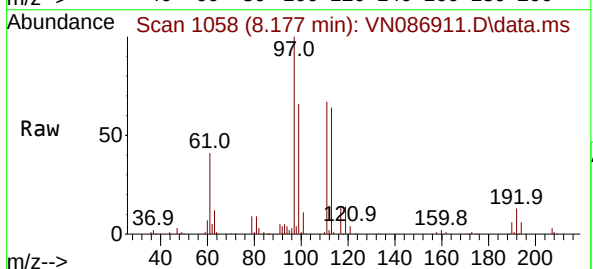
Manual Integrations
APPROVED

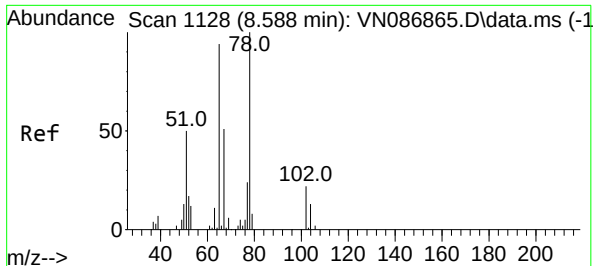
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#32
1,1,1-Trichloroethane
Concen: 47.273 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 97 Resp: 212823
Ion Ratio Lower Upper
97 100
99 67.1 52.0 78.0
61 44.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.675 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15109

Ion Ratio Lower Upper

65 100

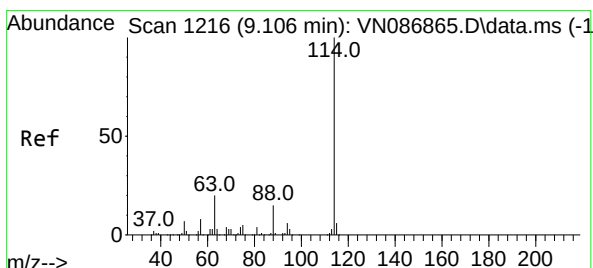
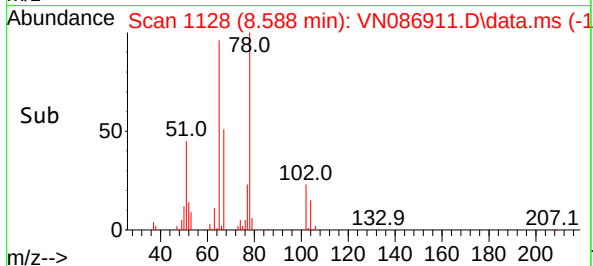
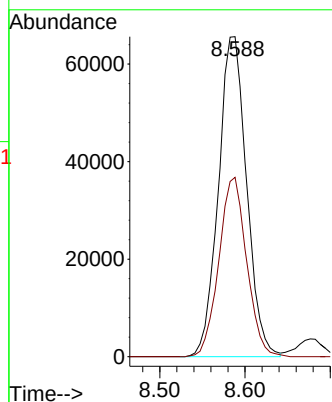
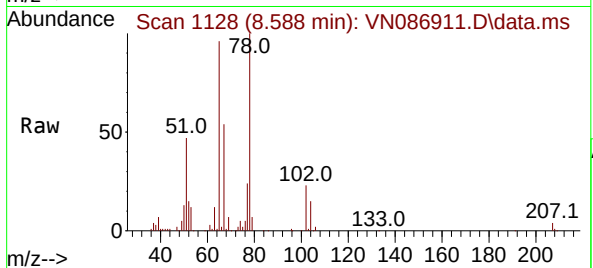
67 55.2 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

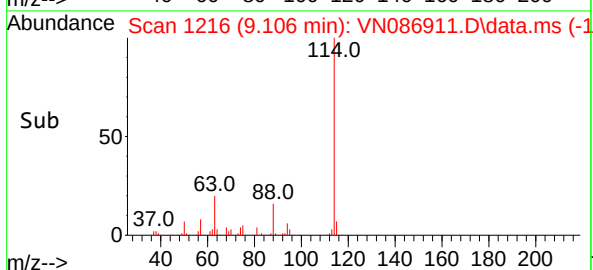
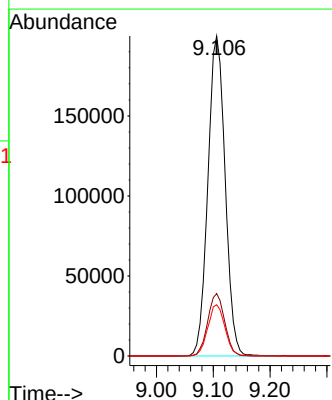
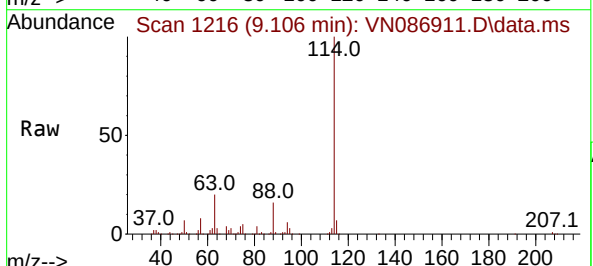
Tgt Ion:114 Resp: 420058

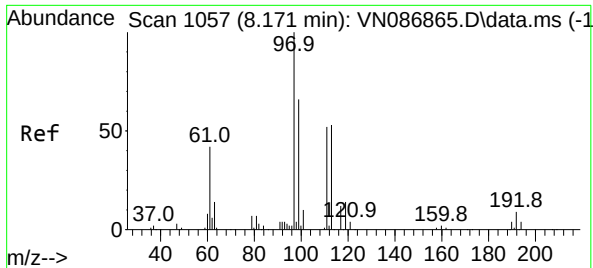
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 16.0 0.0 30.2





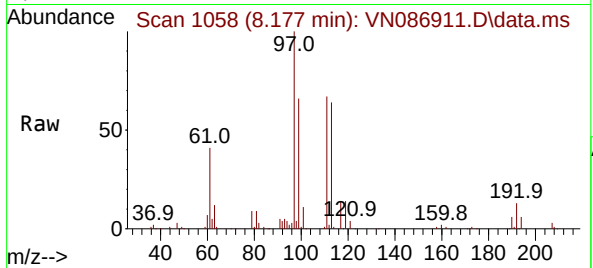
#35
Dibromofluoromethane
Concen: 52.094 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



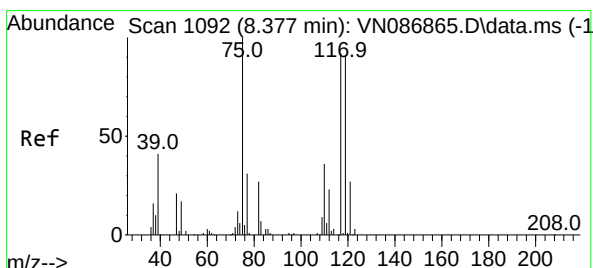
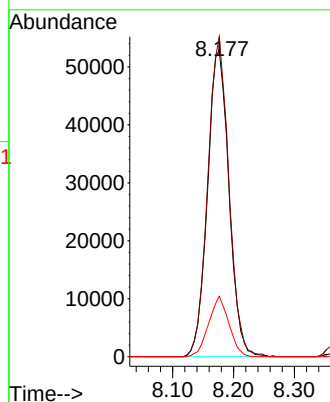
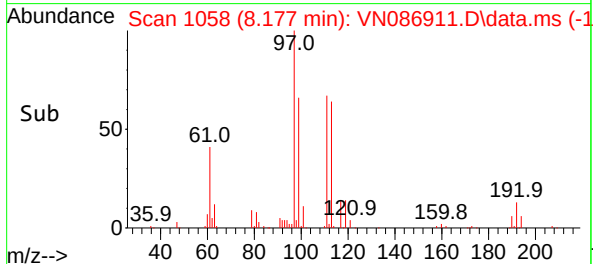
Tgt Ion: 113 Resp: 129680
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 18.5 14.2 21.4

Manual Integrations

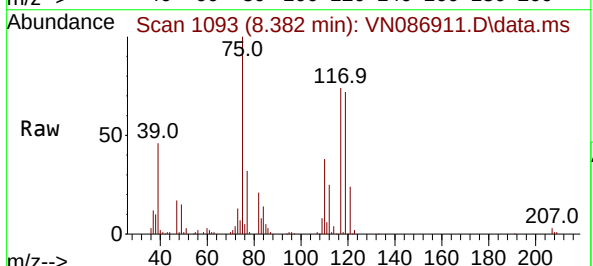
APPROVED

Reviewed By :John Carlone 06/10/2025

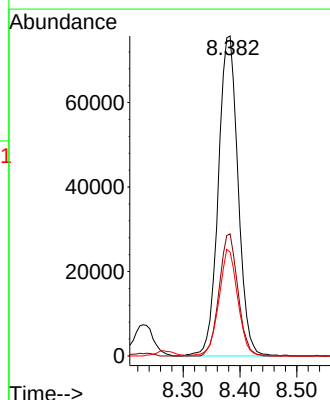
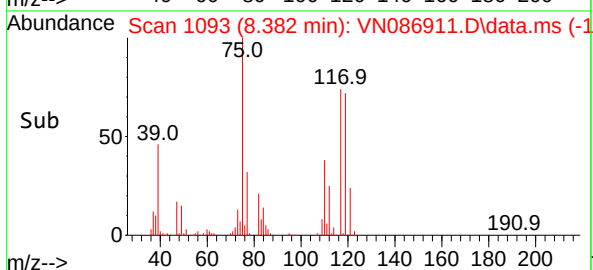
Supervised By :Mahesh Dadoda 06/10/2025

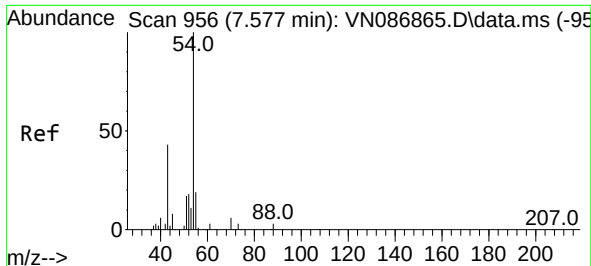


#36
1,1-Dichloropropene
Concen: 49.276 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



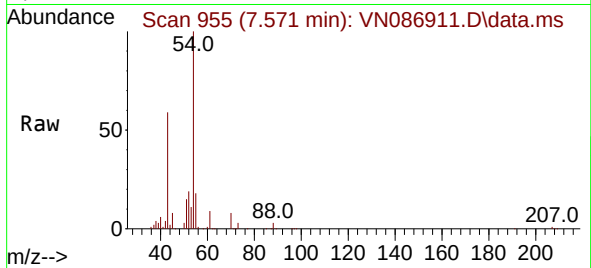
Tgt Ion: 75 Resp: 182786
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.9
77 31.9 25.3 37.9





#37
Ethyl Acetate
Concen: 45.818 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

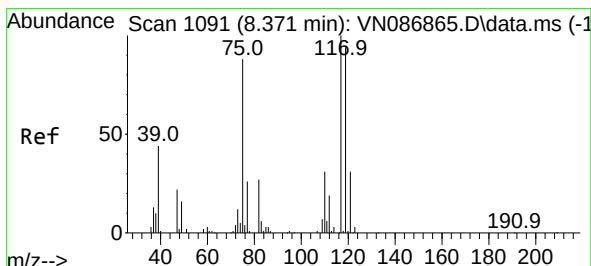
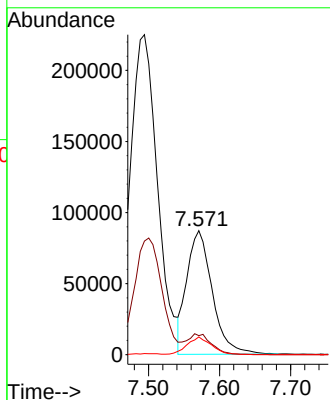
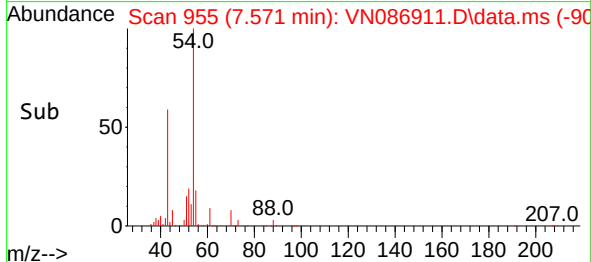
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21635
Ion Ratio Lower Upper
43 100
61 15.8 12.1 18.1
70 13.8 9.8 14.6

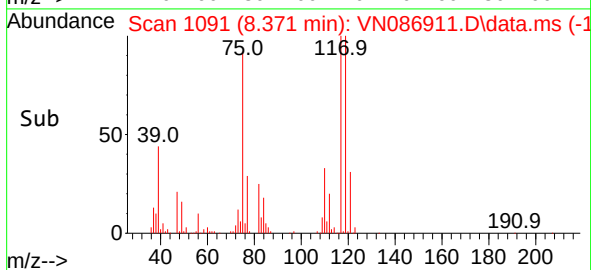
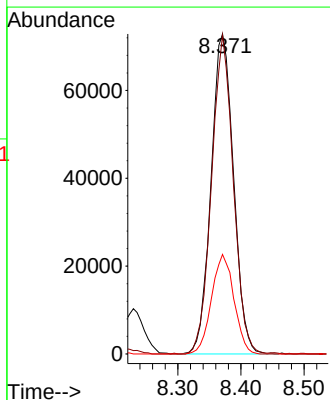
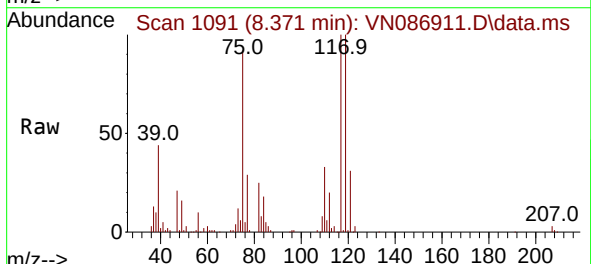
Manual Integrations
APPROVED

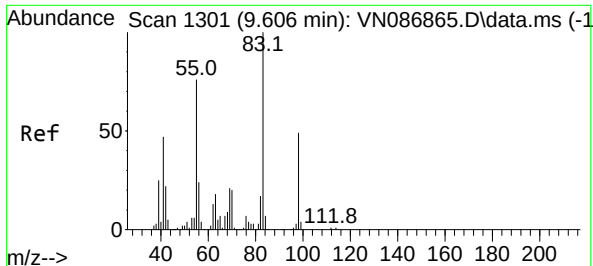
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#38
Carbon Tetrachloride
Concen: 49.468 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

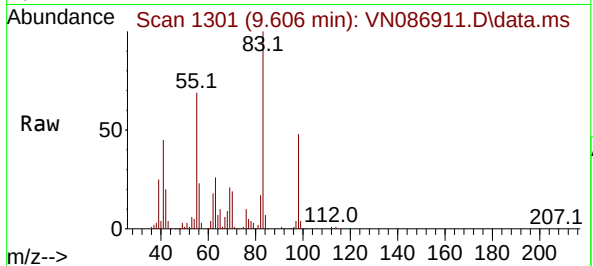
Tgt Ion:117 Resp: 180152
Ion Ratio Lower Upper
117 100
119 99.7 75.0 112.6
121 31.1 24.9 37.3





#39
Methylcyclohexane
Concen: 42.563 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

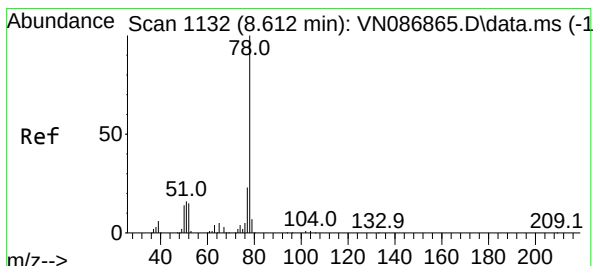
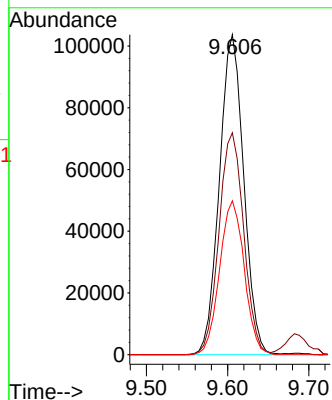
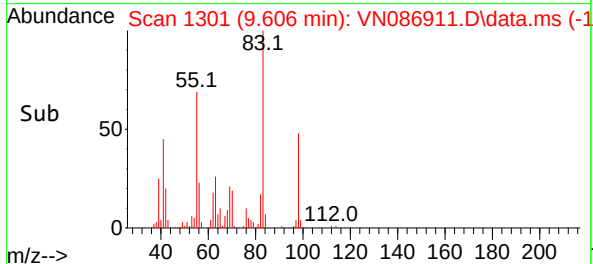
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



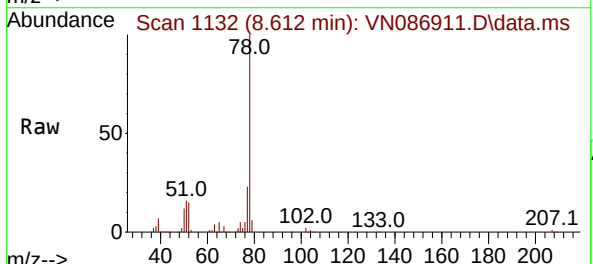
Tgt Ion: 83 Resp: 21630
Ion Ratio Lower Upper
83 100
55 69.3 61.0 91.6
98 48.1 38.9 58.3

Manual Integrations
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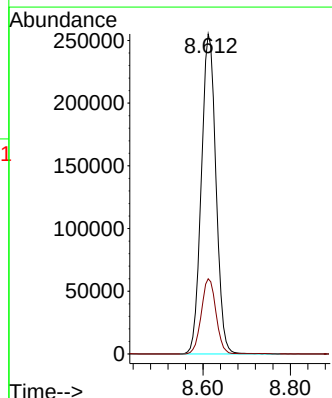
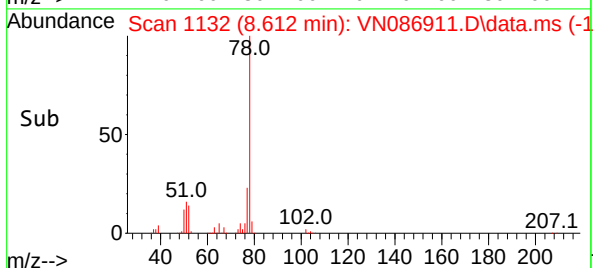
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

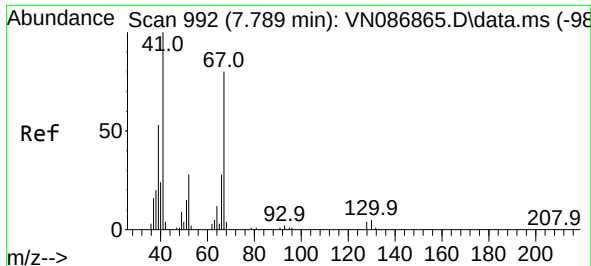


#40
Benzene
Concen: 48.968 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion: 78 Resp: 593973
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





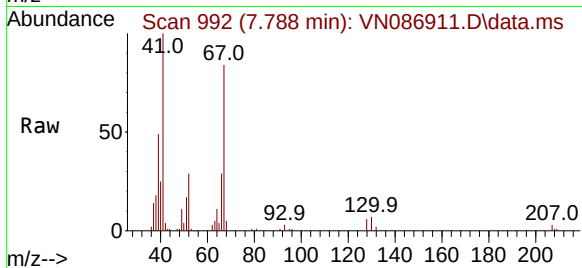
#41
Methacrylonitrile
Concen: 45.470 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

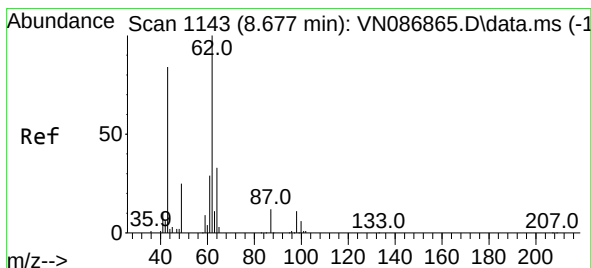
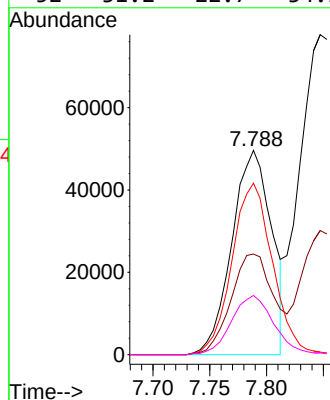
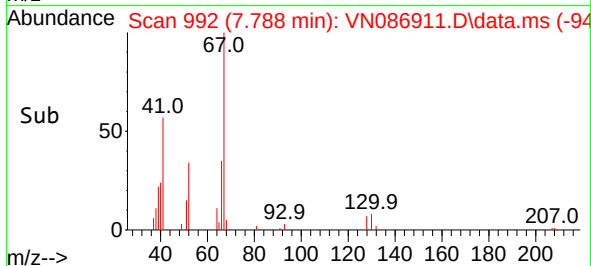
VSTDCCC050EC



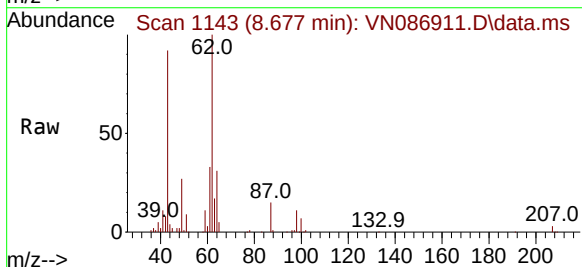
Tgt Ion: 41 Resp: 120583
Ion Ratio Lower Upper
41 100
39 53.6 41.2 61.8
67 86.0 61.4 92.2
52 31.2 22.7 34.1

Manual Integrations
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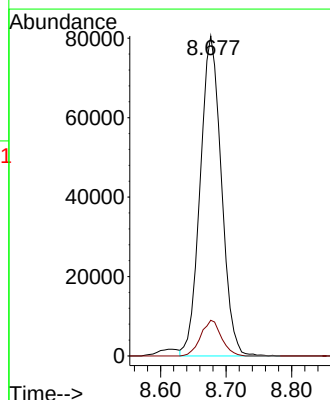
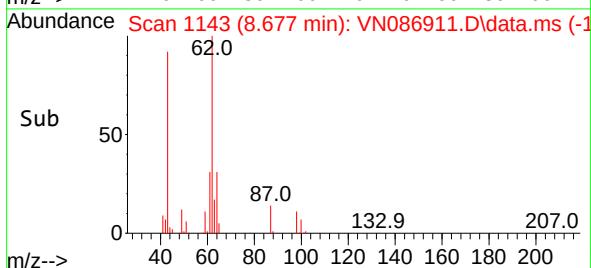
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

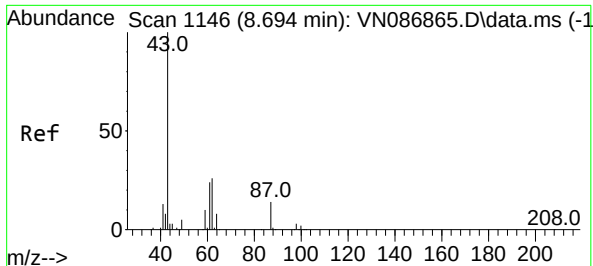


#42
1,2-Dichloroethane
Concen: 49.191 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion: 62 Resp: 180979
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.2





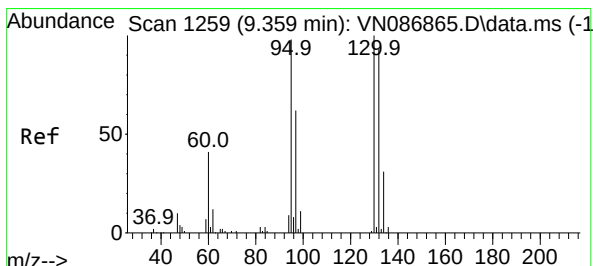
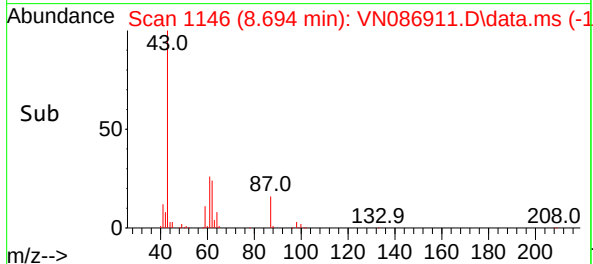
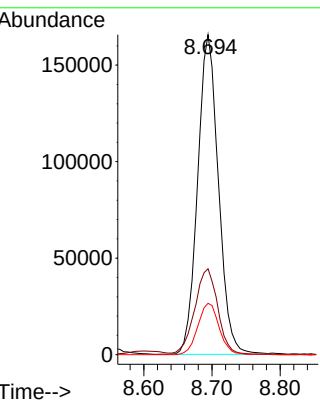
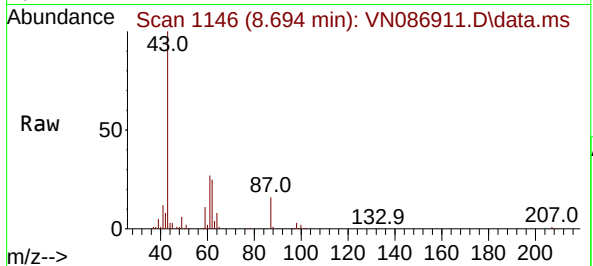
#43
Isopropyl Acetate
Concen: 46.408 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 35172
Ion Ratio Lower Upper
43 100
61 29.9 22.1 33.1
87 16.5 11.8 17.6

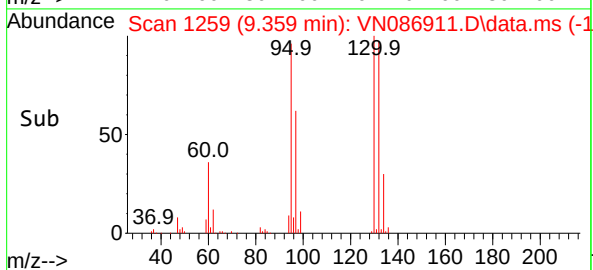
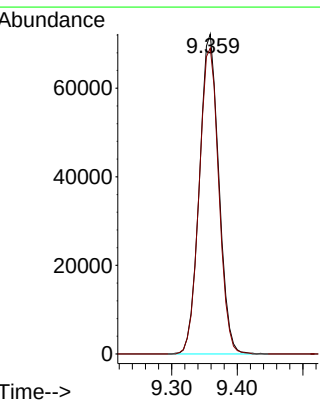
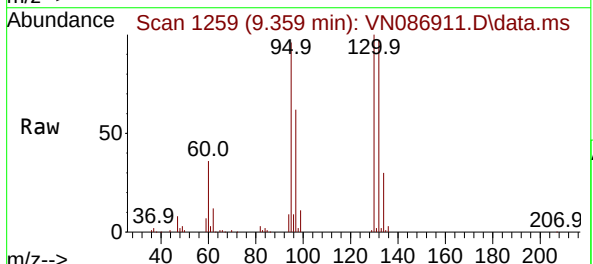
Manual Integrations
APPROVED

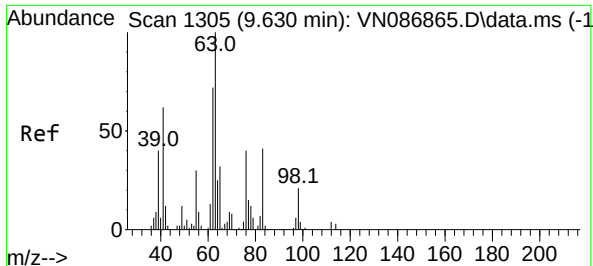
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#44
Trichloroethene
Concen: 51.528 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:130 Resp: 148206
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 48.774 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14393

Ion Ratio Lower Upper

63 100

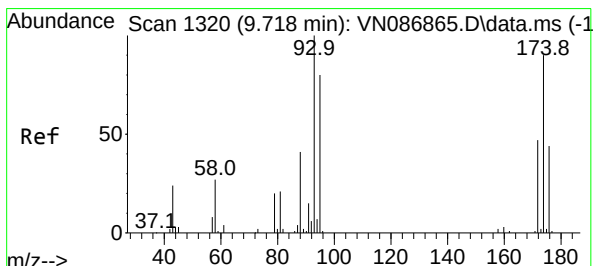
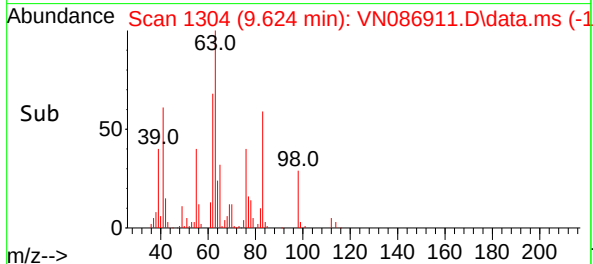
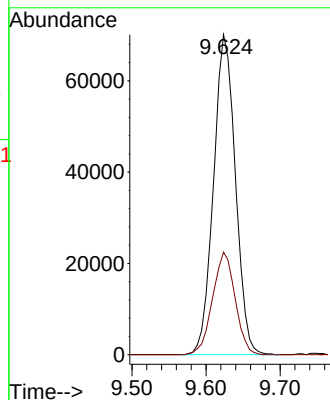
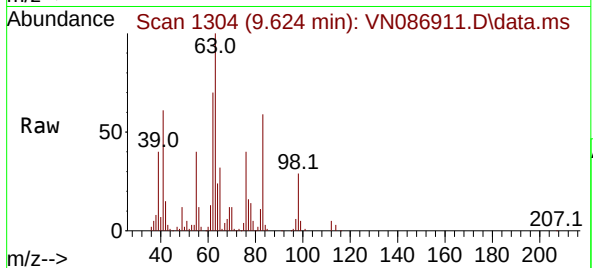
65 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#46

Dibromomethane

Concen: 51.401 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

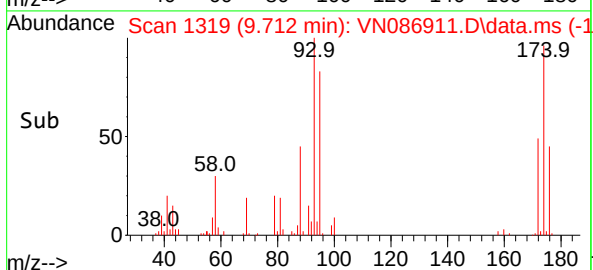
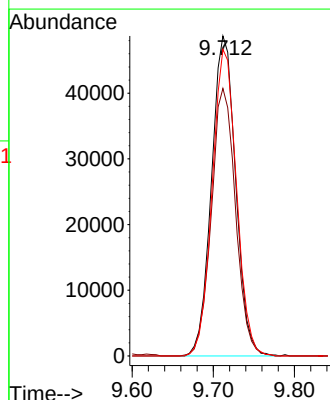
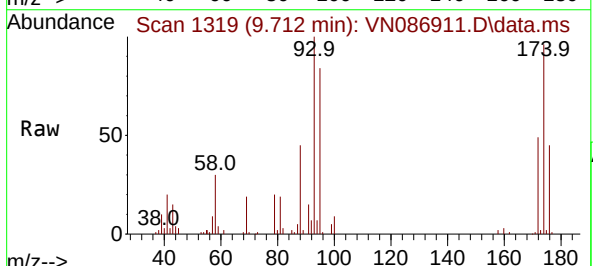
Tgt Ion: 93 Resp: 100752

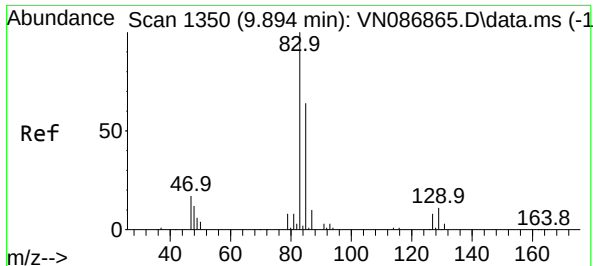
Ion Ratio Lower Upper

93 100

95 84.0 67.1 100.7

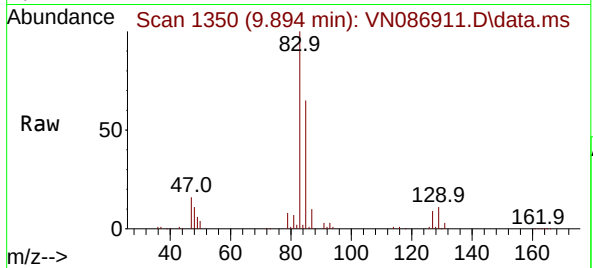
174 96.3 74.2 111.4





#47
Bromodichloromethane
Concen: 49.584 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

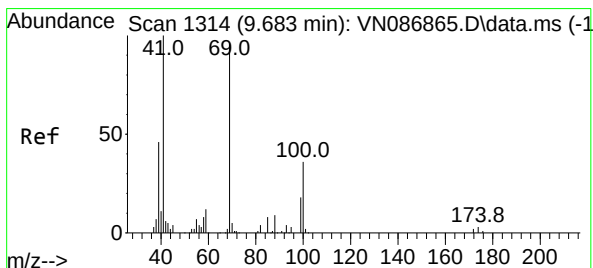
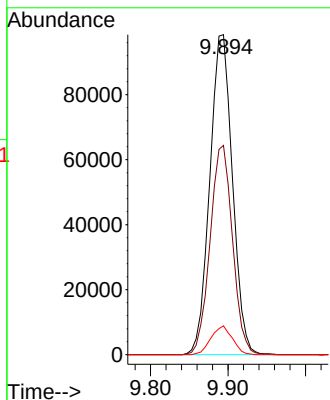
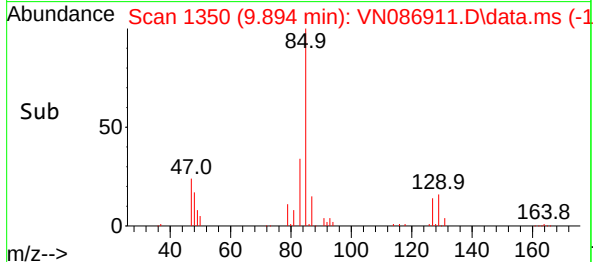
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 199960
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 9.0 6.6 10.0

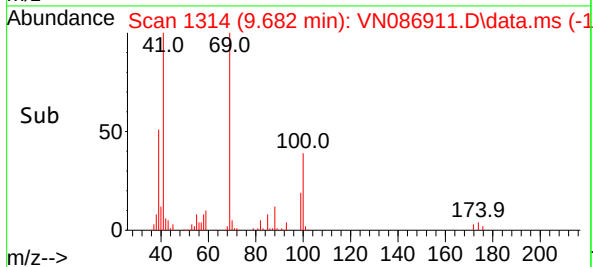
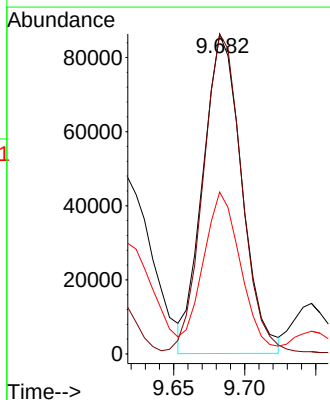
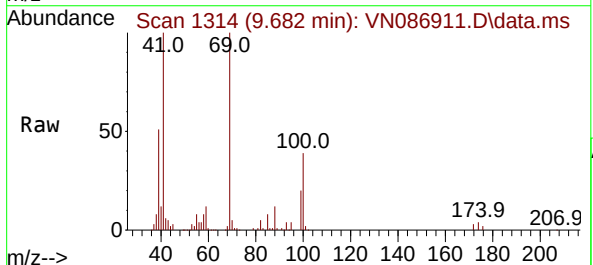
Manual Integrations
APPROVED

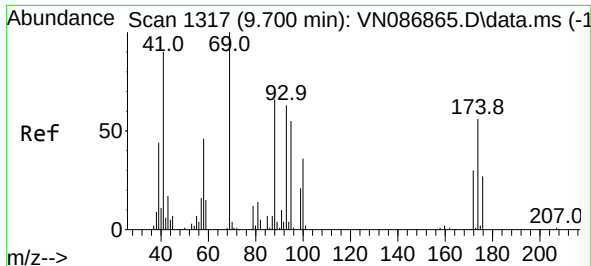
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#48
Methyl methacrylate
Concen: 46.955 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

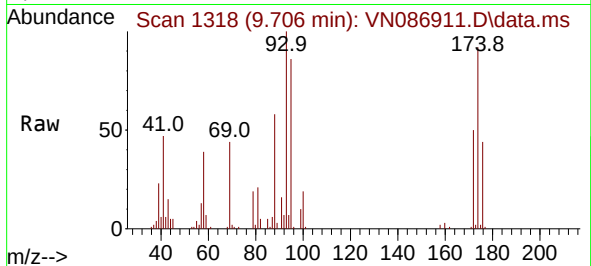
Tgt Ion: 41 Resp: 163795
Ion Ratio Lower Upper
41 100
69 100.2 74.6 112.0
39 50.0 40.2 60.4





#49
1,4-Dioxane
Concen: 987.483 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

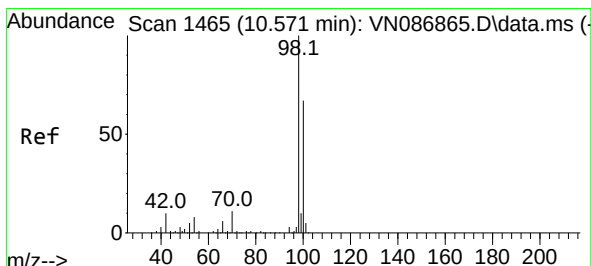
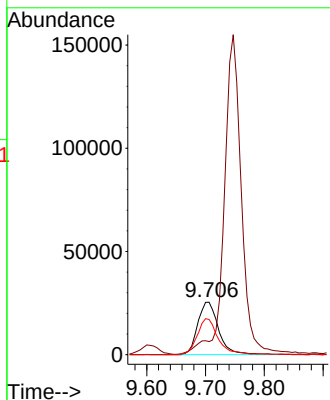
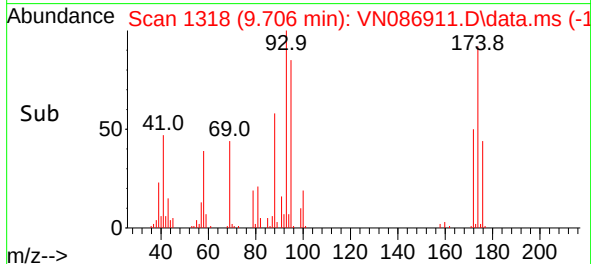
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 62660
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 69.0 57.7 86.5

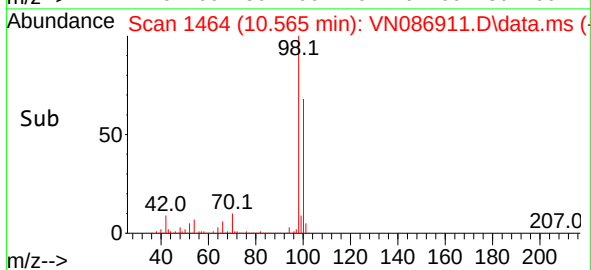
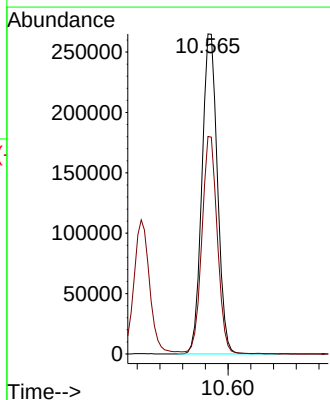
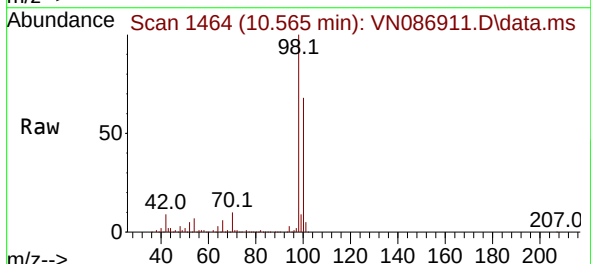
Manual Integrations
APPROVED

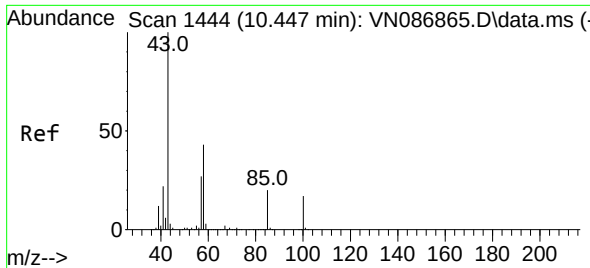
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#50
Toluene-d8
Concen: 50.734 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

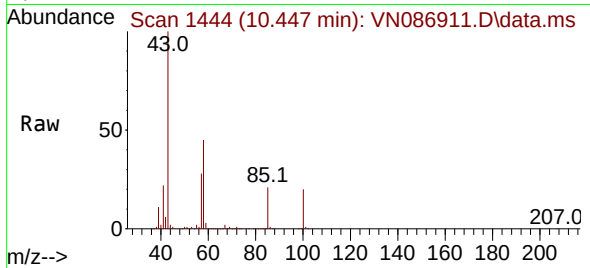
Tgt Ion: 98 Resp: 499965
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 241.688 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

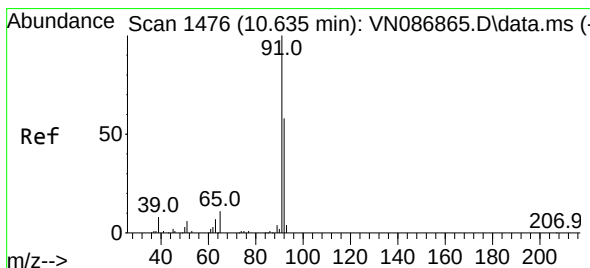
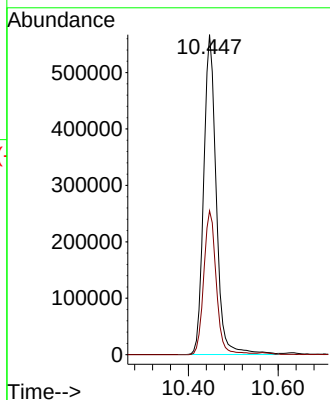
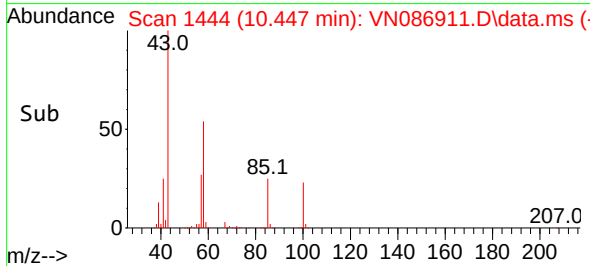
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



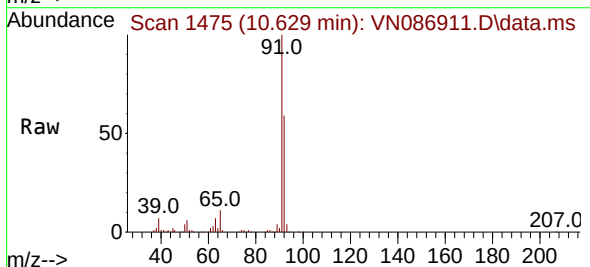
Tgt Ion: 43 Resp: 1102720
Ion Ratio Lower Upper
43 100
58 44.7 34.2 51.4

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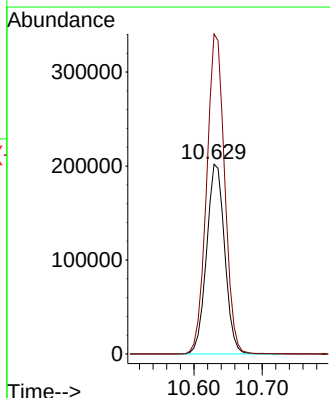
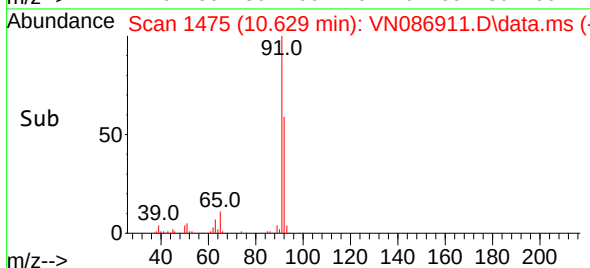
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

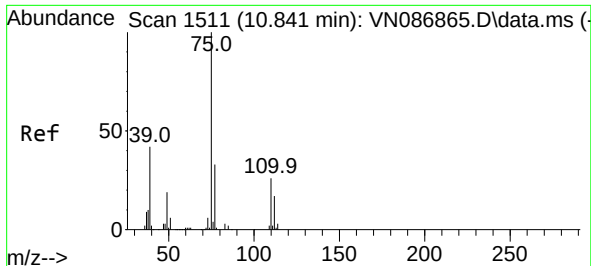


#52
Toluene
Concen: 50.283 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



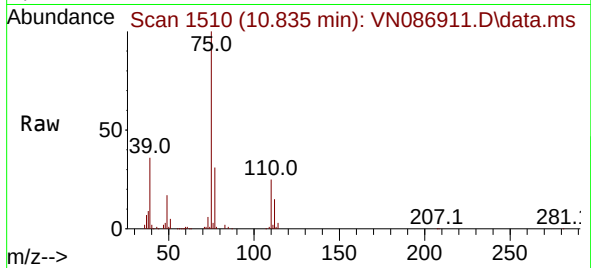
Tgt Ion: 92 Resp: 372743
Ion Ratio Lower Upper
92 100
91 168.1 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 50.452 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

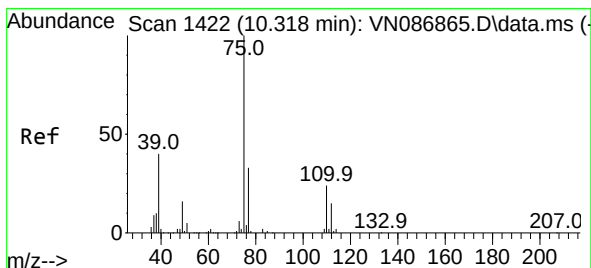
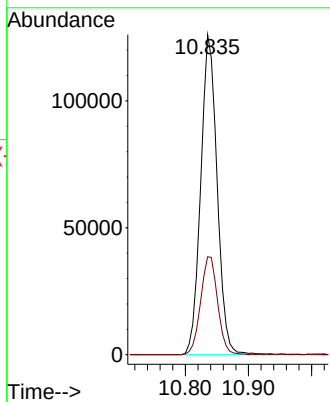
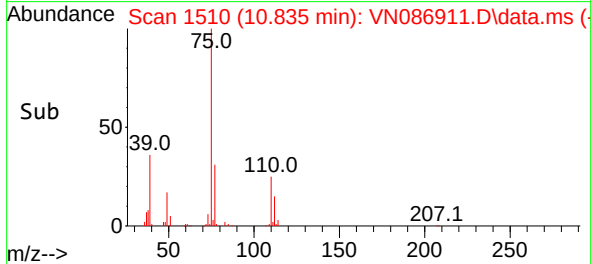
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



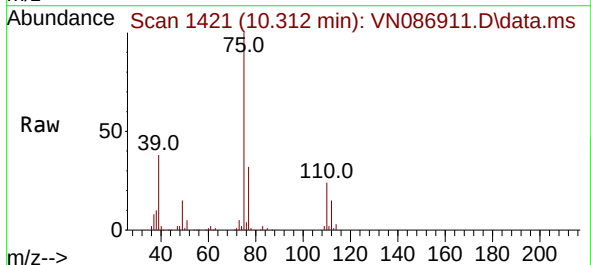
Tgt Ion: 75 Resp: 227518
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6

Manual Integrations
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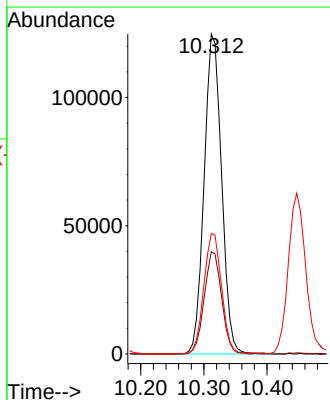
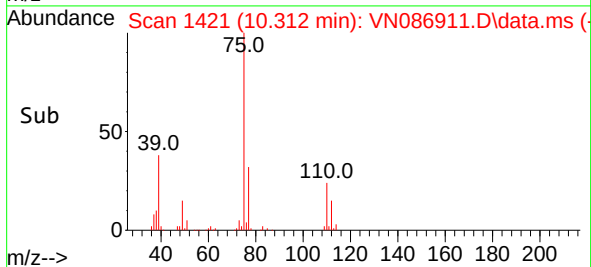
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

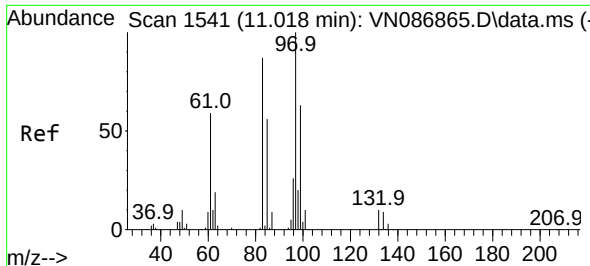


#54
cis-1,3-Dichloropropene
Concen: 49.698 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



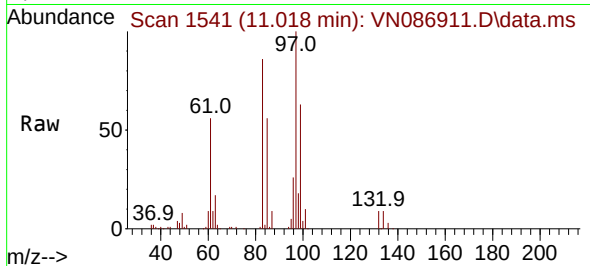
Tgt Ion: 75 Resp: 239800
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
39 37.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 50.511 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

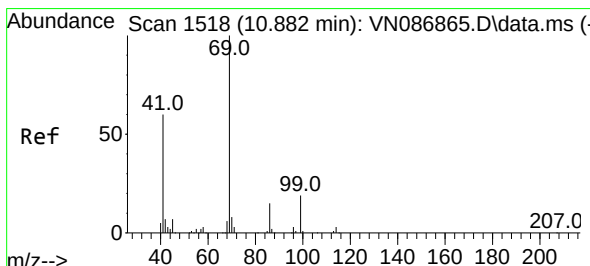
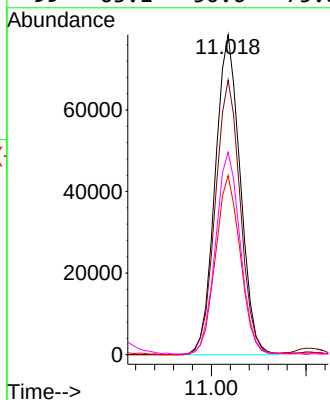
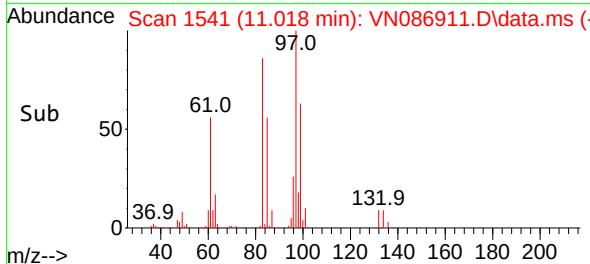
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



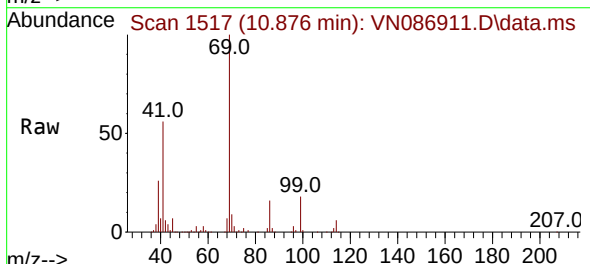
Tgt Ion: 97 Resp: 144074
Ion Ratio Lower Upper
97 100
83 85.8 69.7 104.5
85 56.0 45.1 67.7
99 63.1 50.6 75.8

Manual Integrations
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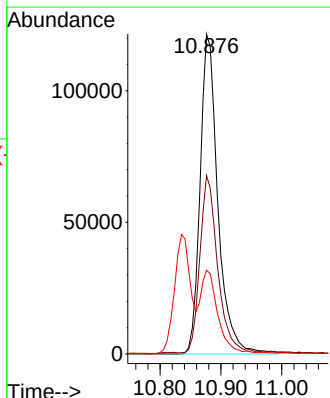
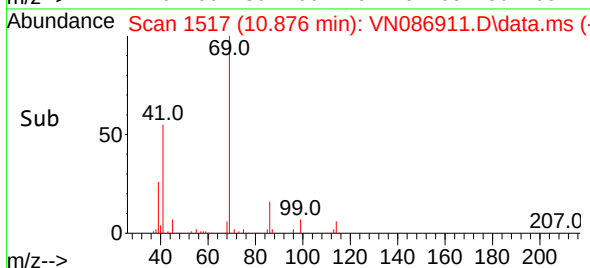
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

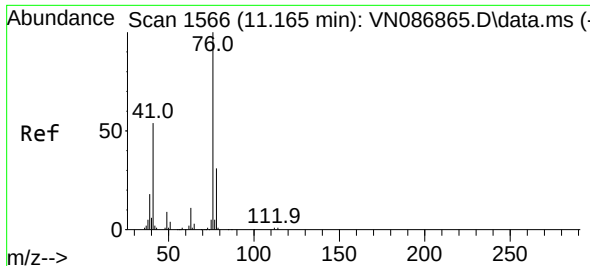


#56
Ethyl methacrylate
Concen: 54.356 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion: 69 Resp: 246945
Ion Ratio Lower Upper
69 100
41 55.1 47.2 70.8
39 25.3 23.0 34.6





#57

1,3-Dichloropropane

Concen: 49.842 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 246620

Ion Ratio Lower Upper

76 100

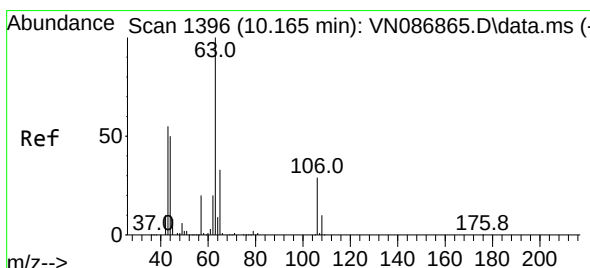
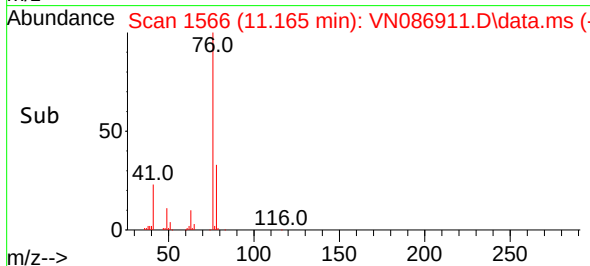
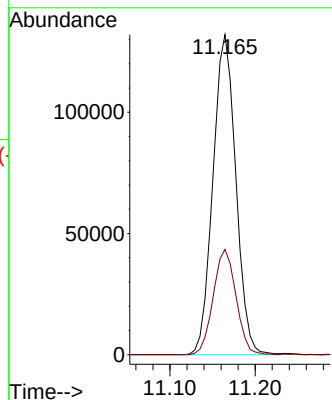
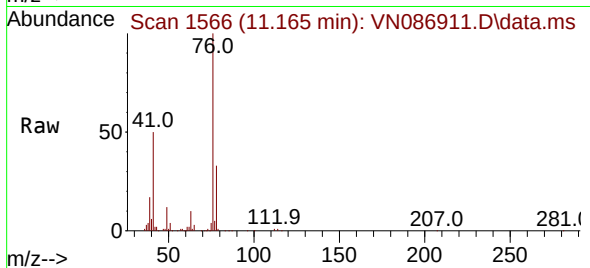
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 232.785 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086911.D

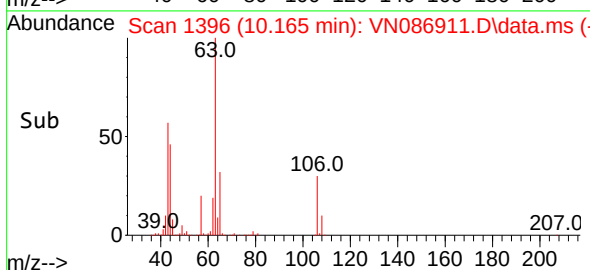
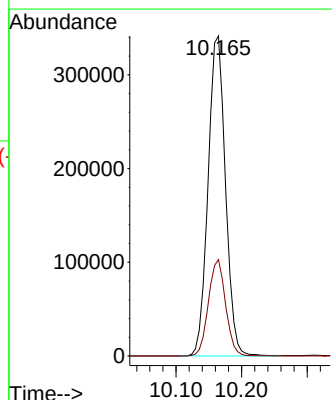
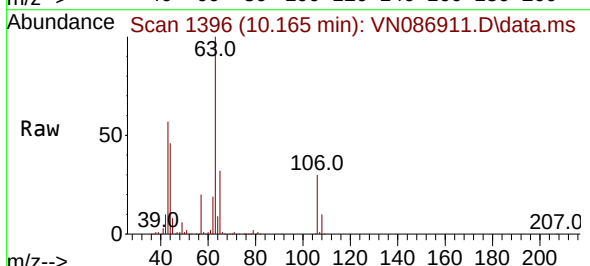
Acq: 09 Jun 2025 17:17

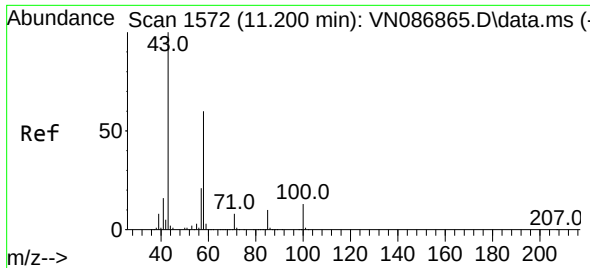
Tgt Ion: 63 Resp: 630783

Ion Ratio Lower Upper

63 100

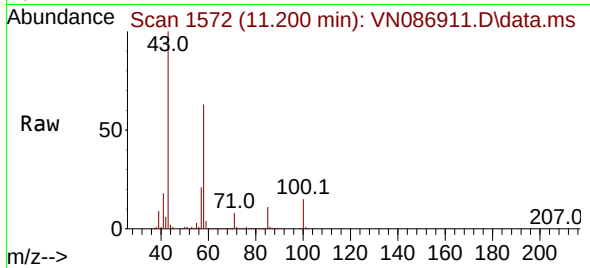
106 29.7 23.0 34.6





#59
2-Hexanone
Concen: 254.927 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

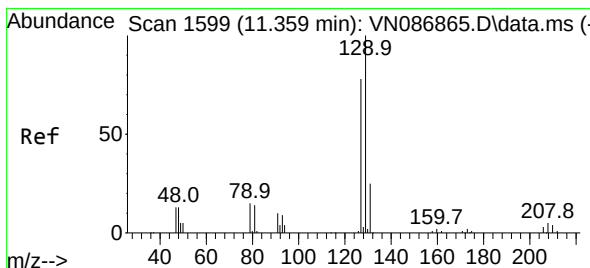
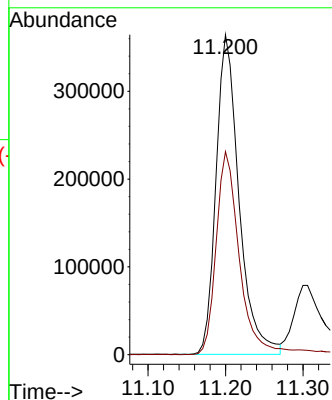
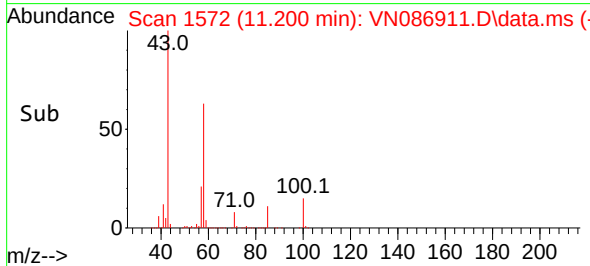
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 749210
Ion Ratio Lower Upper
43 100
58 66.8 30.4 91.3

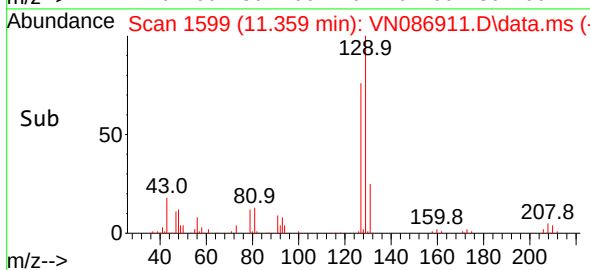
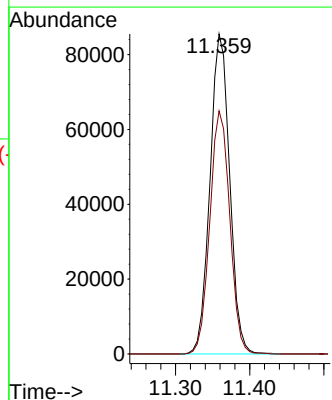
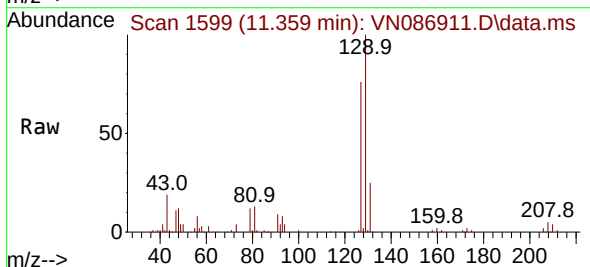
Manual Integrations
APPROVED

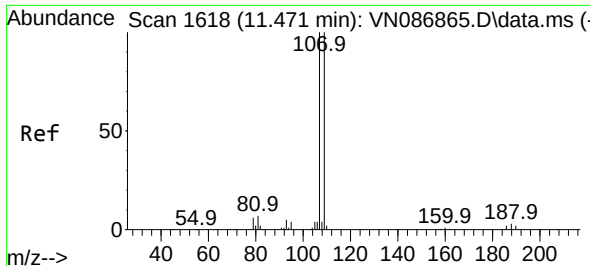
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#60
Dibromochloromethane
Concen: 53.046 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

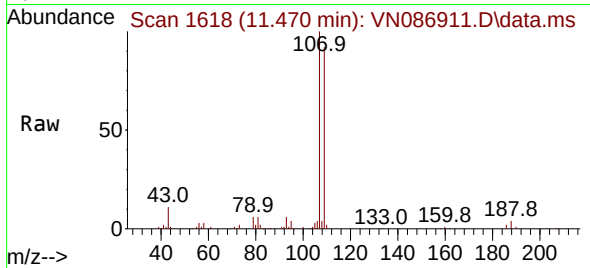
Tgt Ion:129 Resp: 157642
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.729 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

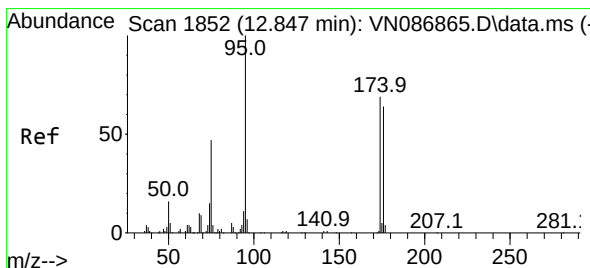
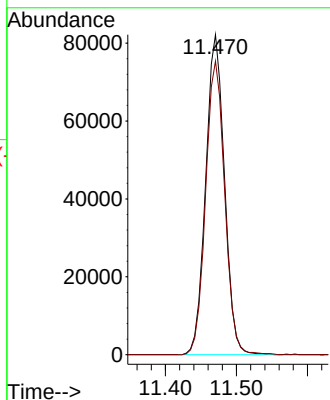
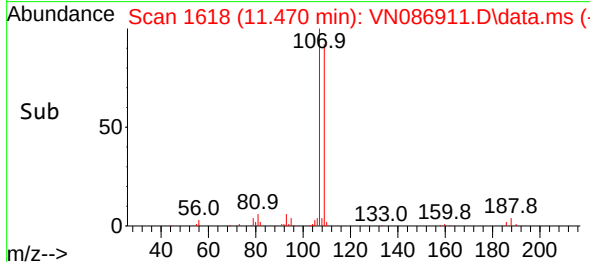
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 151234
Ion Ratio Lower Upper
107 100
109 93.1 76.3 114.5

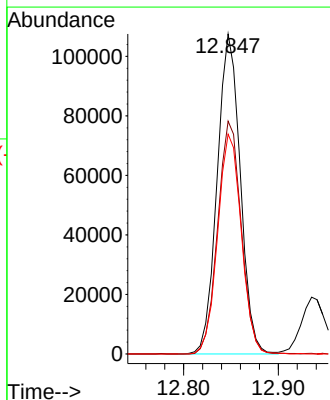
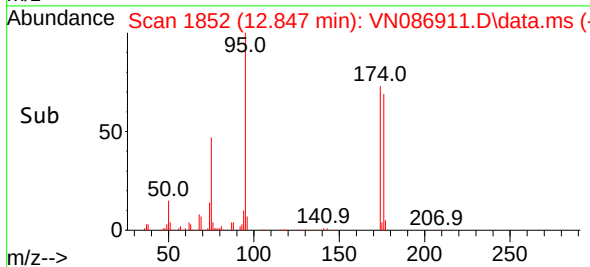
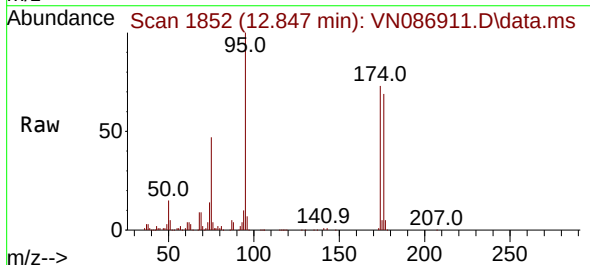
Manual Integrations
APPROVED

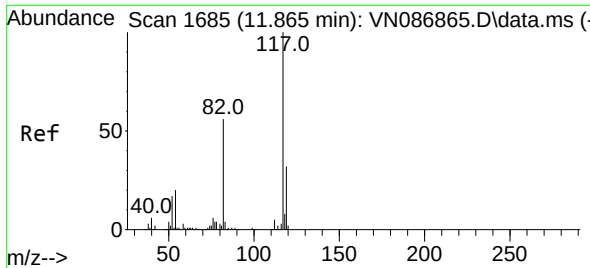
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#62
4-Bromofluorobenzene
Concen: 49.889 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

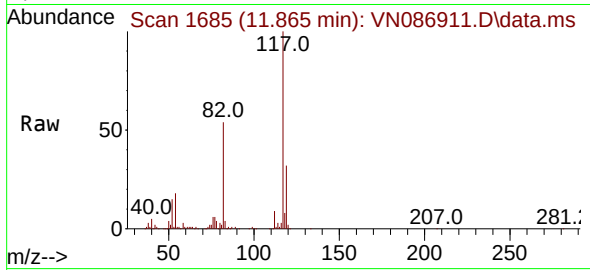
Tgt Ion: 95 Resp: 182658
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.8
176 70.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

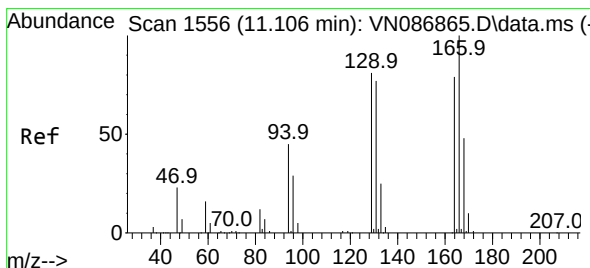
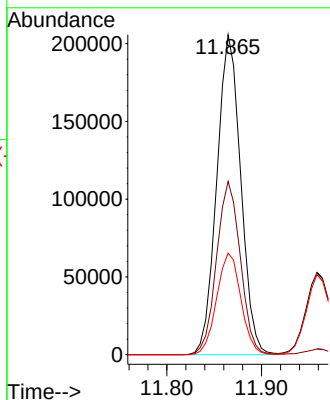
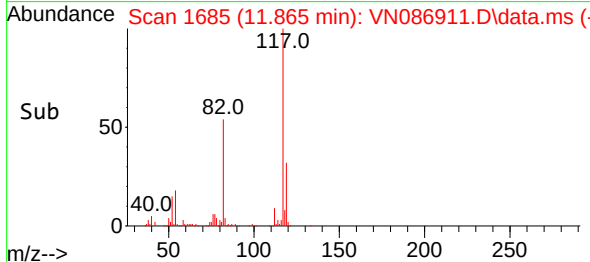
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 36167
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.7 25.5 38.3

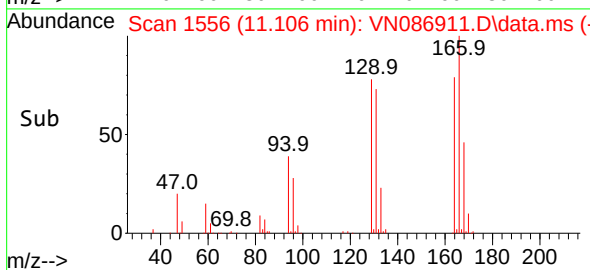
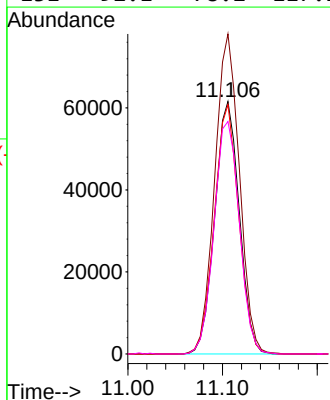
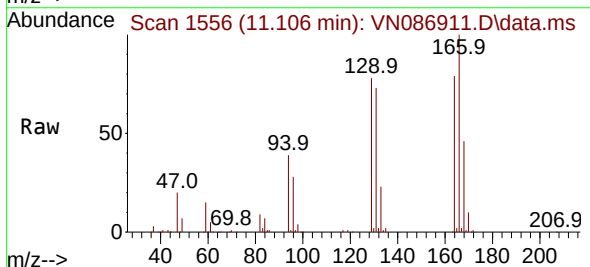
Manual Integrations
APPROVED

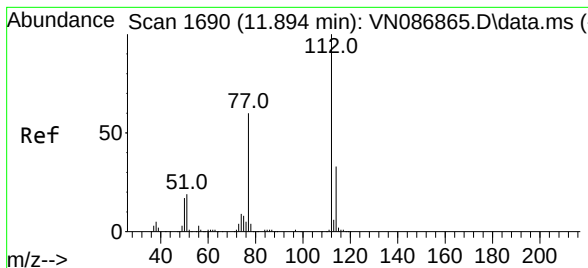
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#64
Tetrachloroethene
Concen: 48.432 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

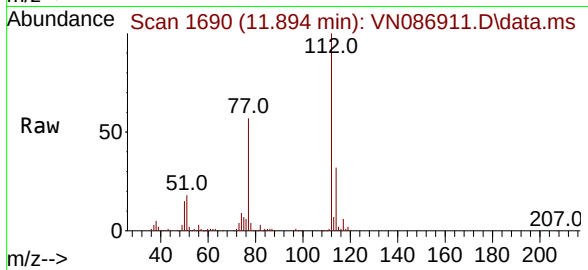
Tgt Ion:164 Resp: 110856
Ion Ratio Lower Upper
164 100
166 126.8 101.8 152.8
129 98.7 83.0 124.4
131 92.1 78.2 117.2





#65
Chlorobenzene
Concen: 50.938 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

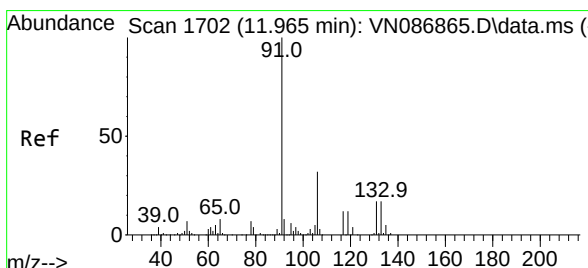
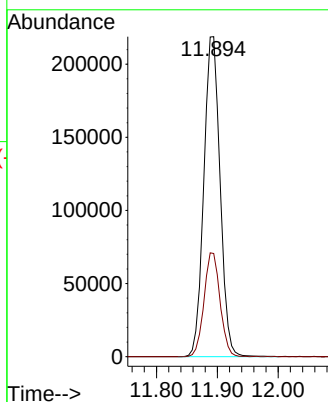
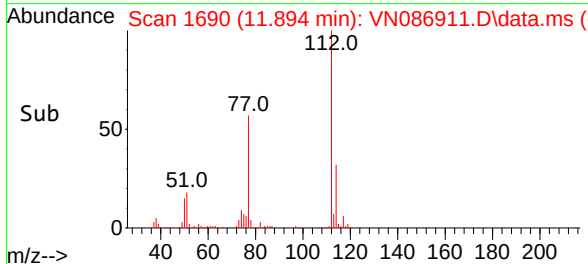
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



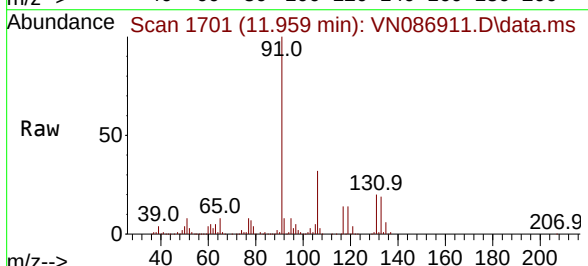
Tgt Ion:112 Resp: 406329
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

Manual Integrations
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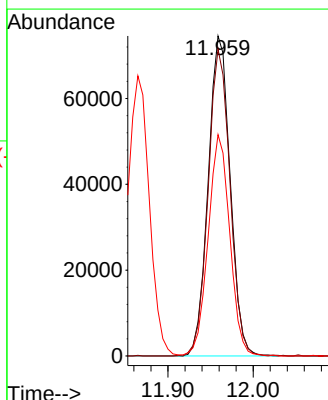
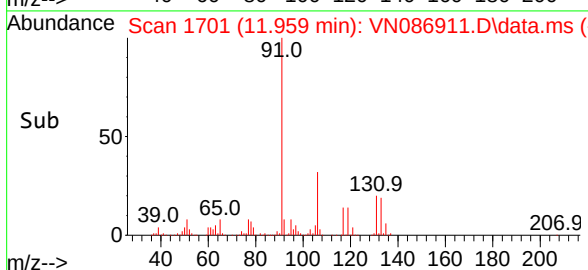
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

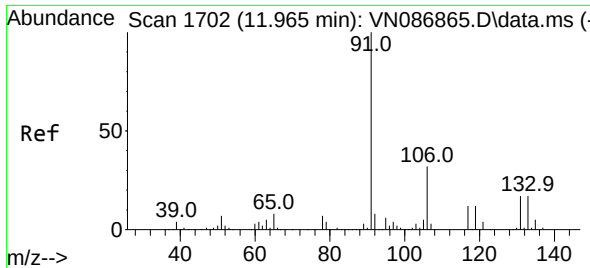


#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion:131 Resp: 133877
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.8
119 68.0 34.0 101.8





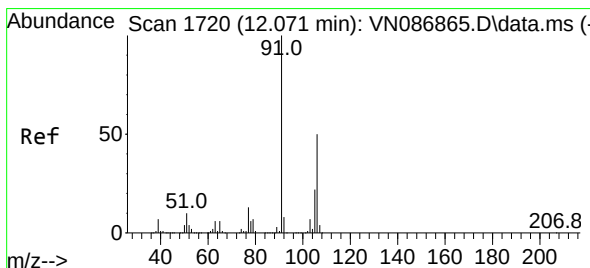
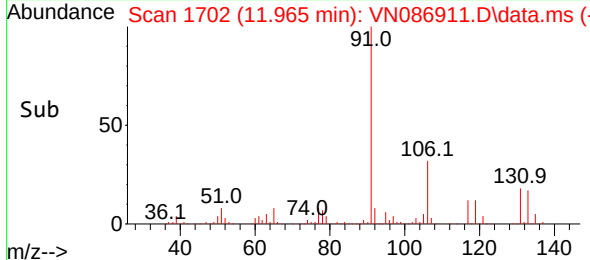
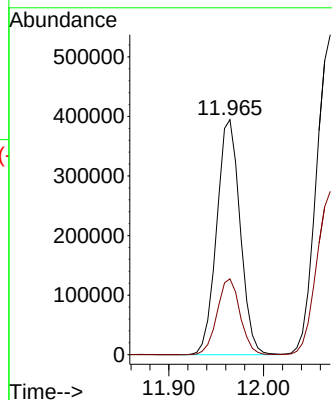
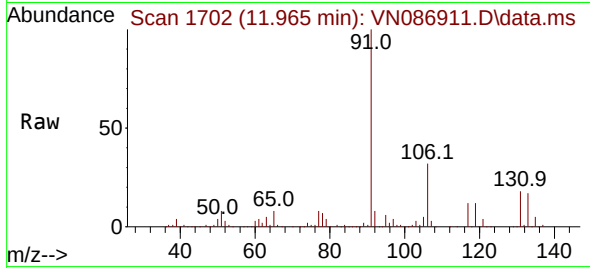
#67
Ethyl Benzene
Concen: 49.375 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 678400
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

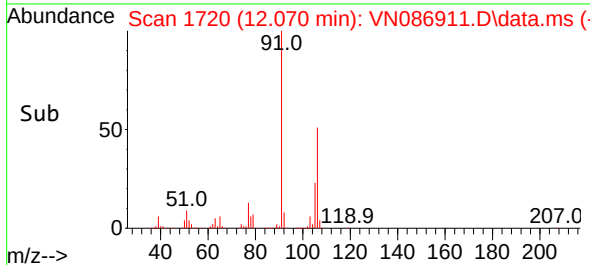
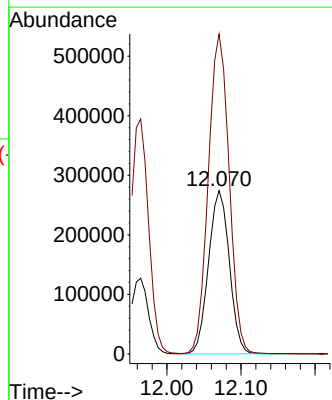
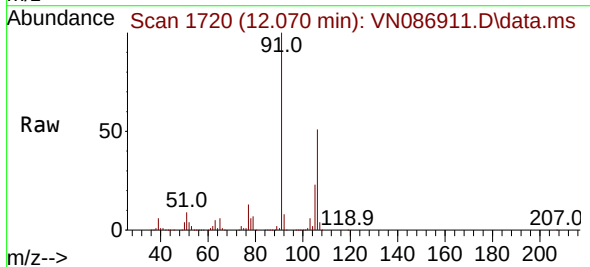
Manual Integrations
APPROVED

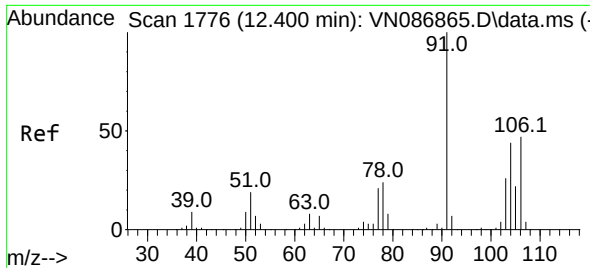
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#68
m/p-Xylenes
Concen: 101.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:106 Resp: 534450
Ion Ratio Lower Upper
106 100
91 195.7 159.4 239.0





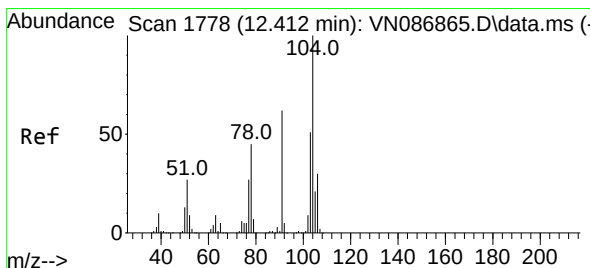
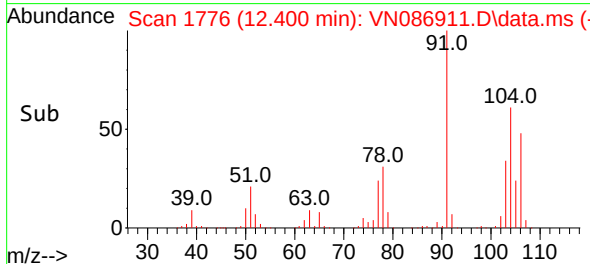
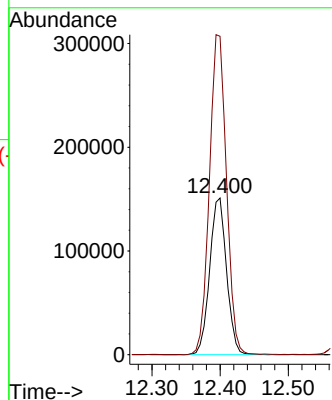
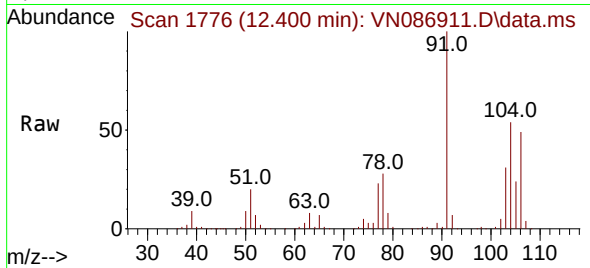
#69
o-Xylene
Concen: 51.686 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 260364
Ion Ratio Lower Upper
106 100
91 206.2 106.1 318.1

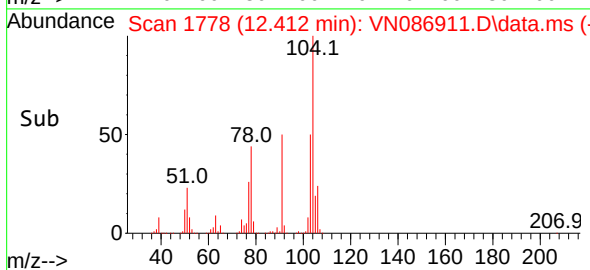
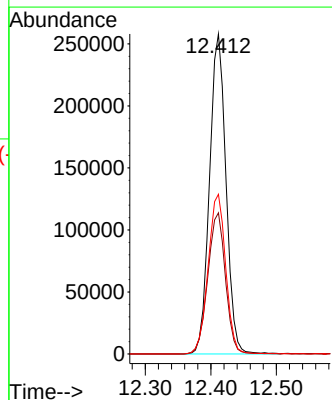
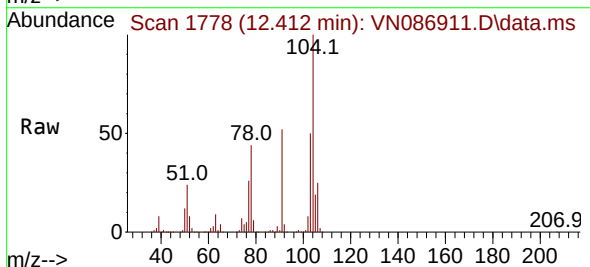
Manual Integrations
APPROVED

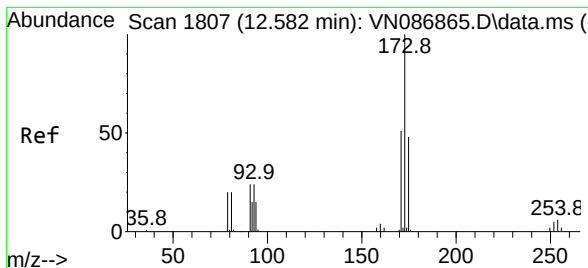
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#70
Styrene
Concen: 52.227 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:104 Resp: 450190
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 53.5 43.1 64.7





#71

Bromoform

Concen: 55.815 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

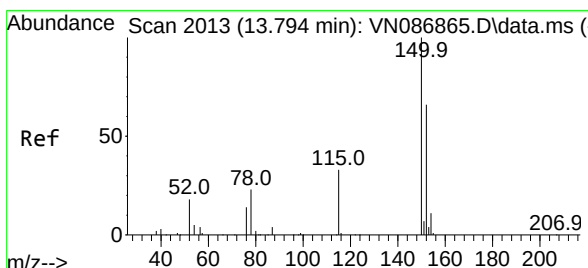
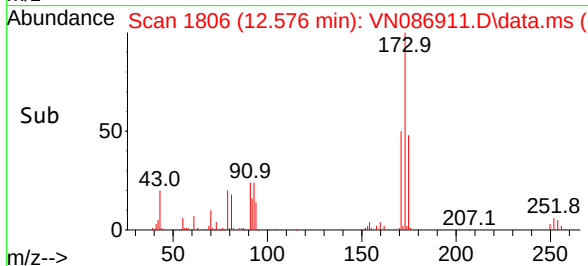
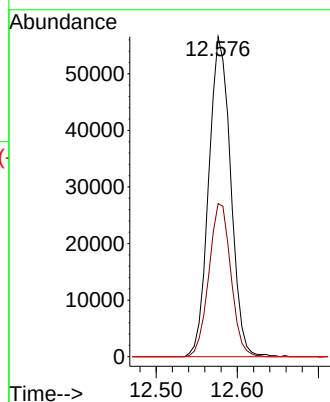
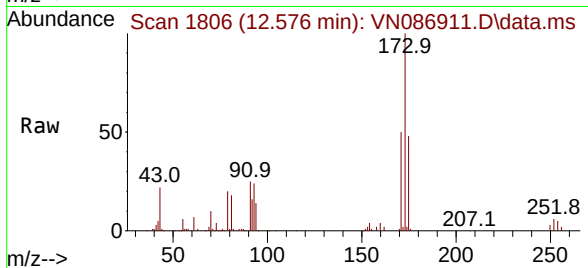
VSTDCCC050EC

Tgt Ion:173 Resp: 10604
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

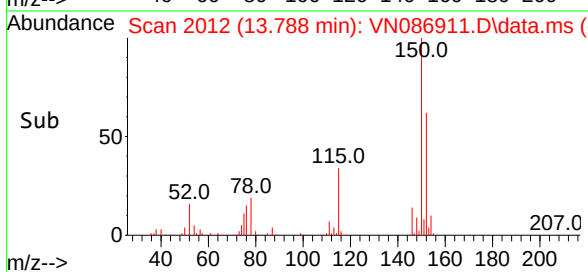
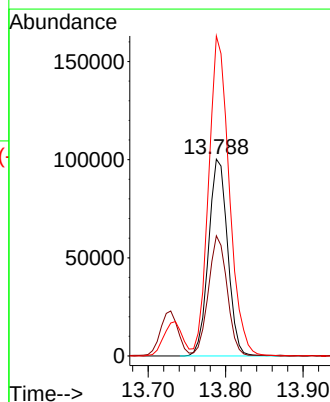
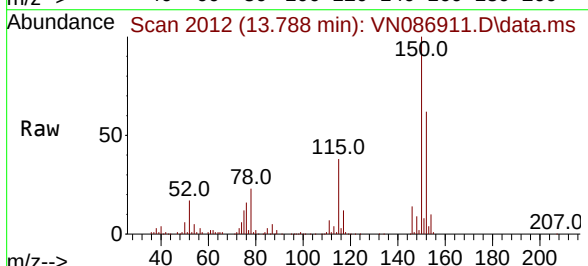
RT: 13.788 min Scan# 2012

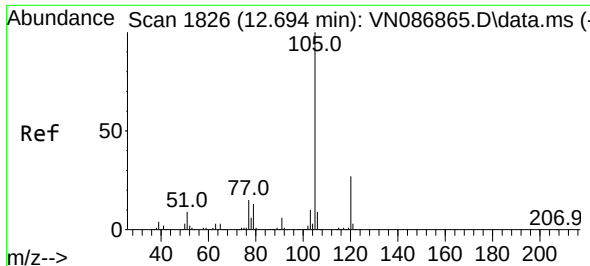
Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

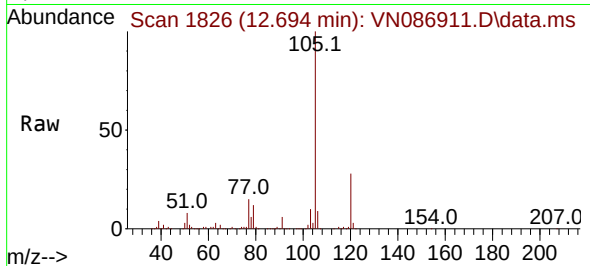
Tgt Ion:152 Resp: 171846
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.1 90.5
 150 175.6 0.0 345.0





#73
Isopropylbenzene
Concen: 49.532 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

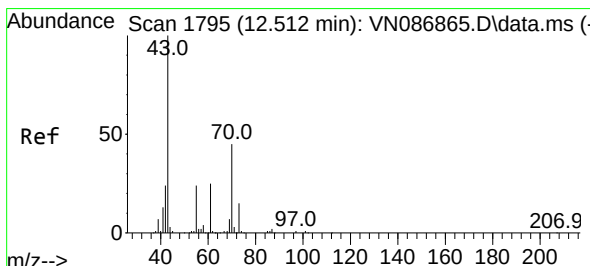
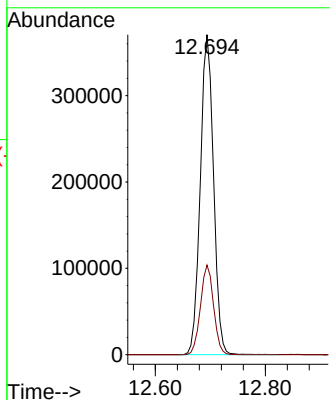
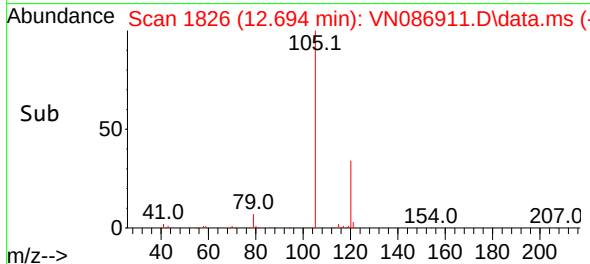
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



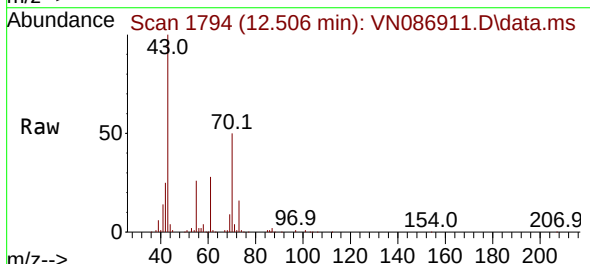
Tgt Ion:105 Resp: 620099
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

Manual Integrations
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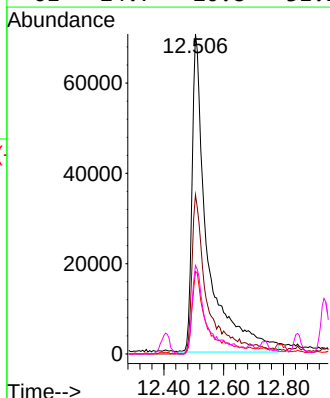
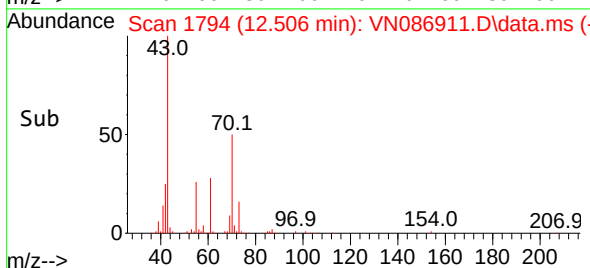
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

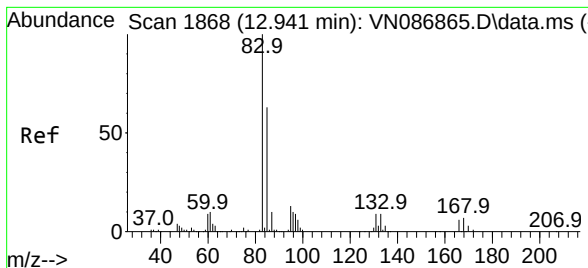


#74
N-ethyl acetate
Concen: 57.797 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



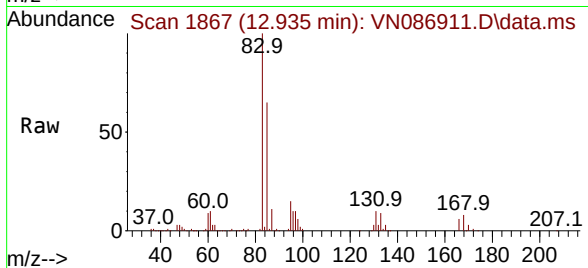
Tgt Ion: 43 Resp: 252846
Ion Ratio Lower Upper
43 100
70 48.9 37.6 56.4
55 25.0 19.0 28.6
61 24.7 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.379 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

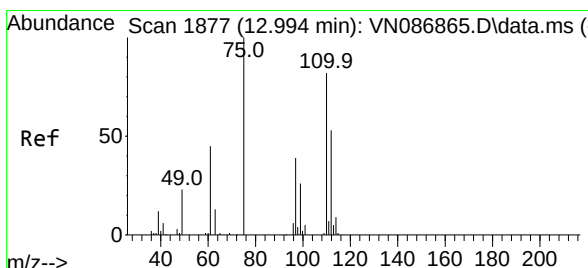
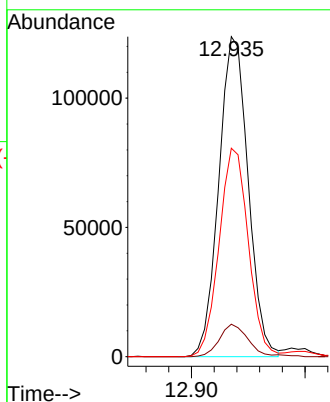
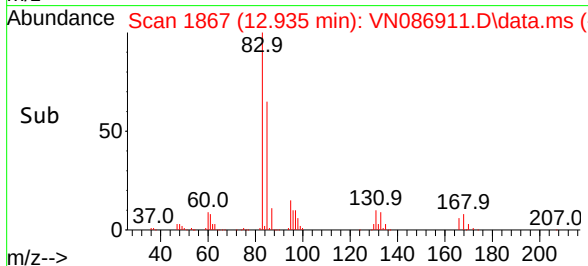
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



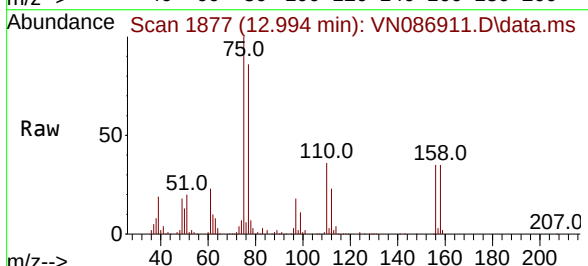
Tgt Ion: 83 Resp: 222152
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 65.1 32.0 96.0

Manual Integrations
APPROVED

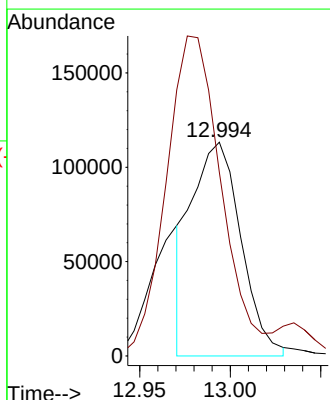
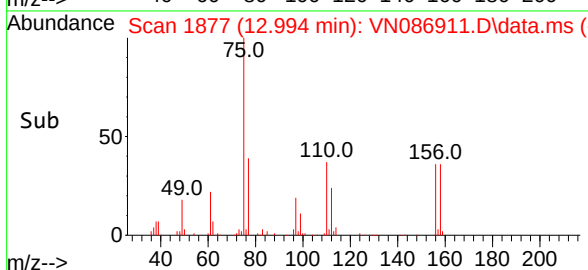
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

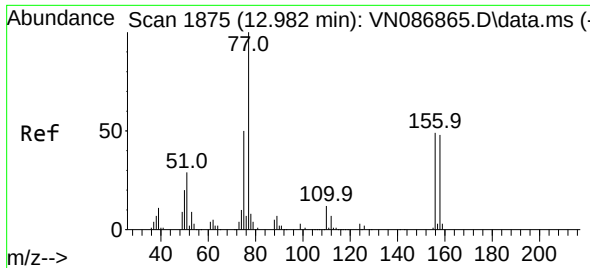


#76
1,2,3-Trichloropropane
Concen: 52.621 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion: 75 Resp: 214947
Ion Ratio Lower Upper
75 100
77 166.1 79.3 237.9





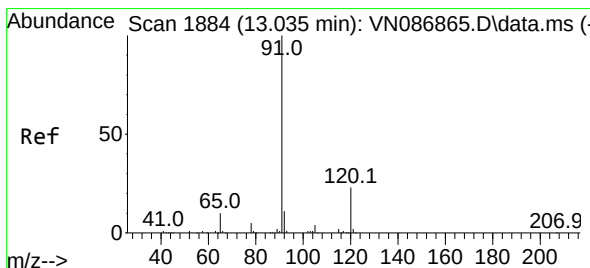
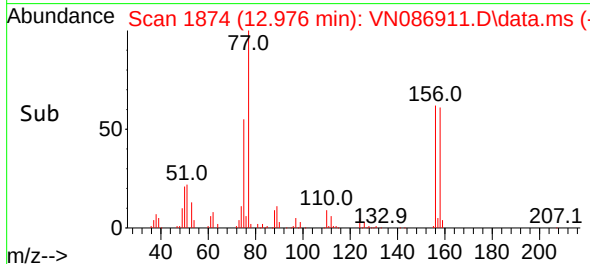
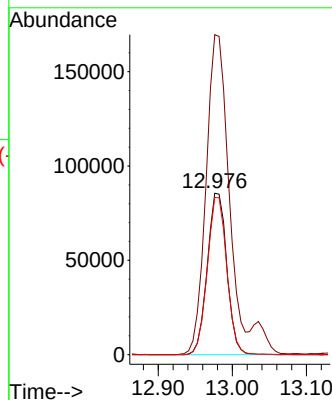
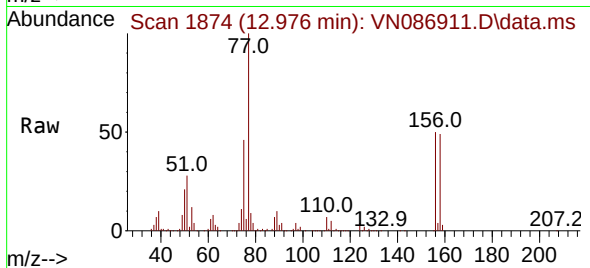
#77
Bromobenzene
Concen: 54.629 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 15684
Ion Ratio Lower Upper
156 100
77 227.6 117.7 353.1
158 97.3 48.1 144.4

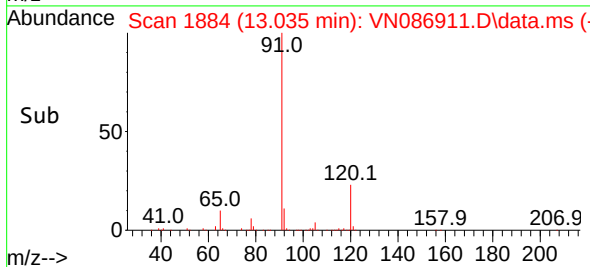
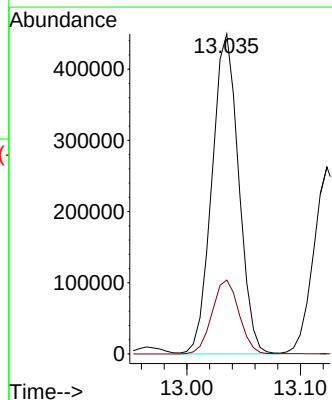
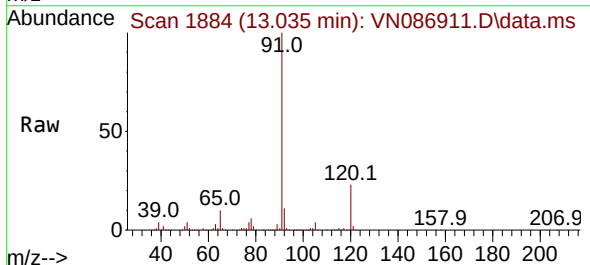
Manual Integrations
APPROVED

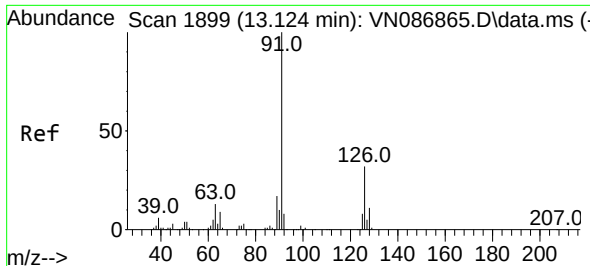
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#78
n-propylbenzene
Concen: 48.282 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 91 Resp: 734563
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.2





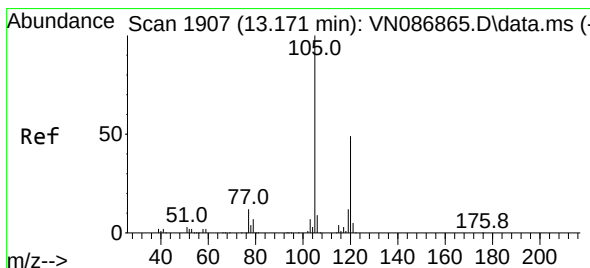
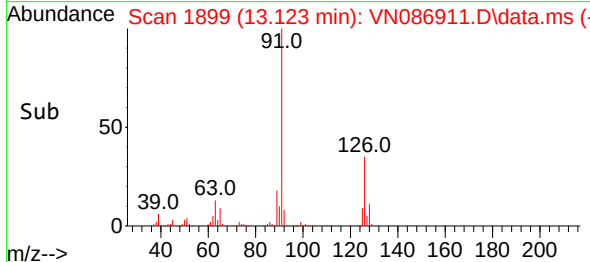
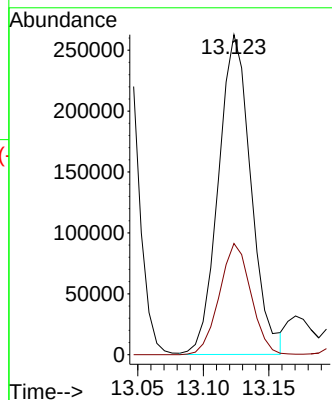
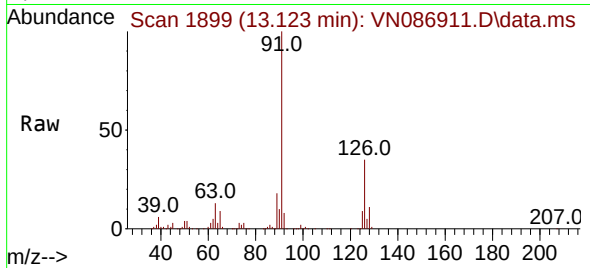
#79
2-Chlorotoluene
Concen: 49.742 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 45384
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.5

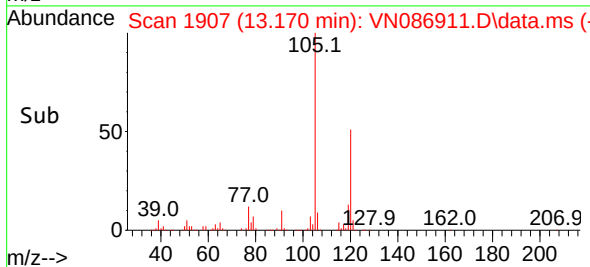
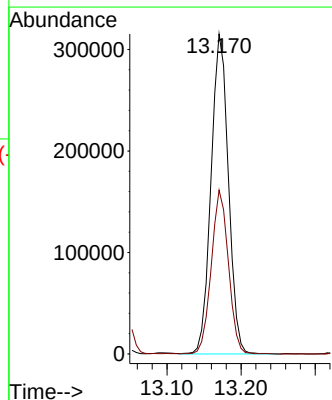
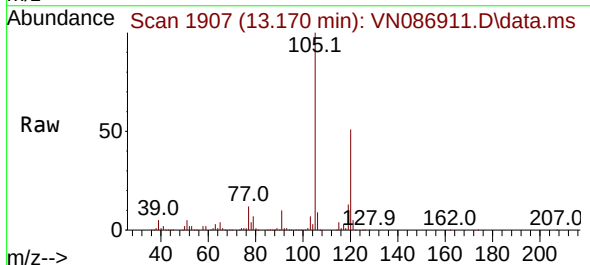
Manual Integrations
APPROVED

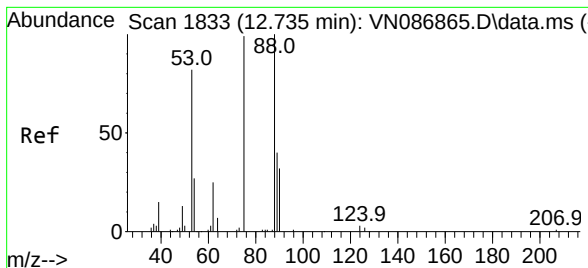
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.531 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

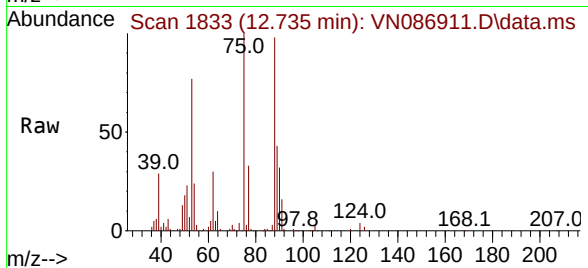
Tgt Ion:105 Resp: 511955
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.576 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

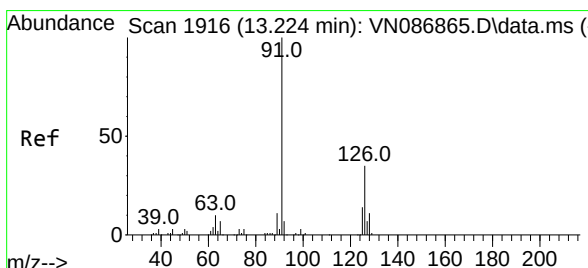
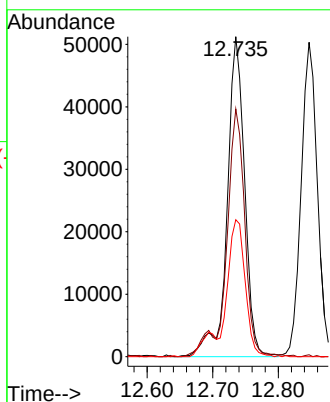
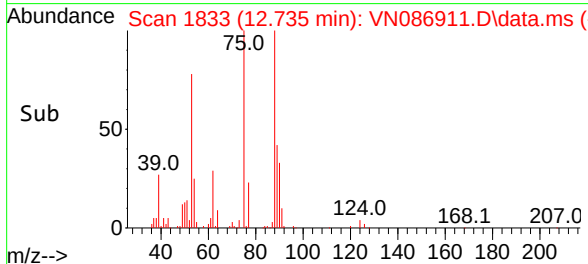
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 95072
Ion Ratio Lower Upper
75 100
53 73.8 66.6 99.8
89 42.4 36.7 55.1

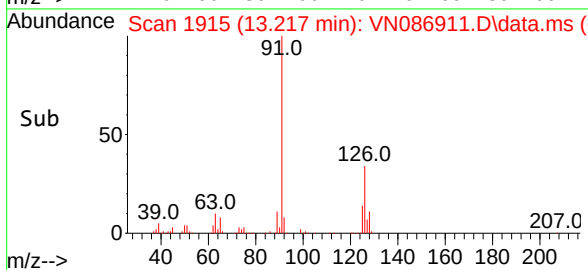
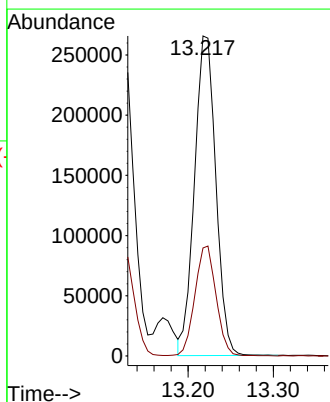
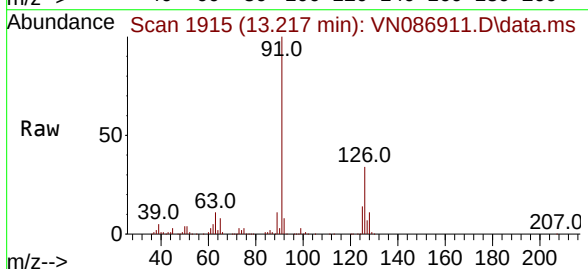
Manual Integrations
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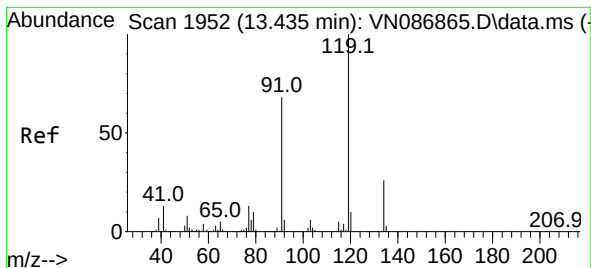
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#82
4-Chlorotoluene
Concen: 50.037 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

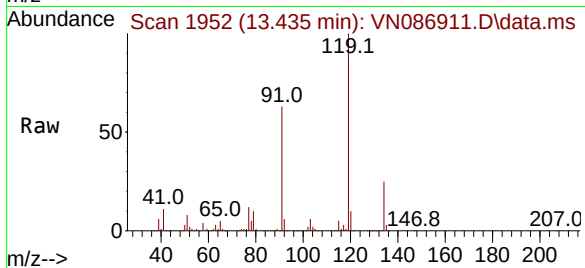
Tgt Ion: 91 Resp: 461943
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1





#83
tert-Butylbenzene
Concen: 46.828 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

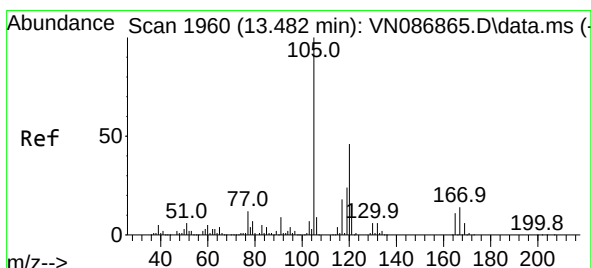
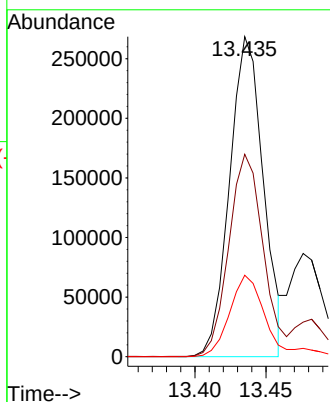
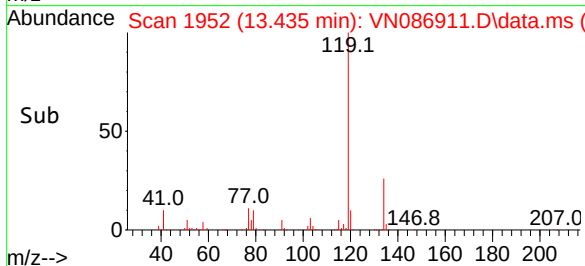
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



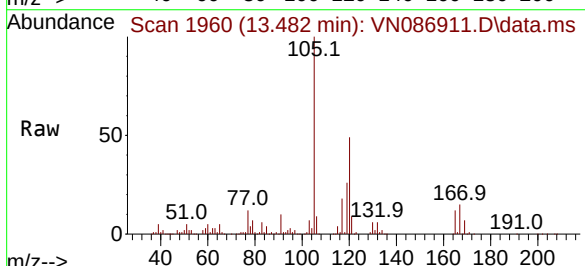
Tgt Ion:119 Resp: 443059
Ion Ratio Lower Upper
119 100
91 64.5 32.1 96.5
134 27.6 13.4 40.1

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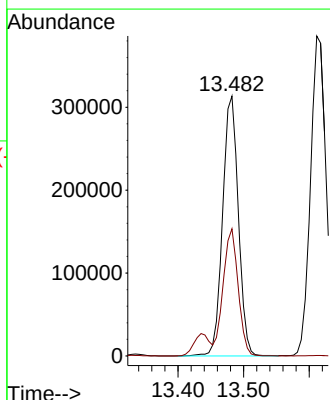
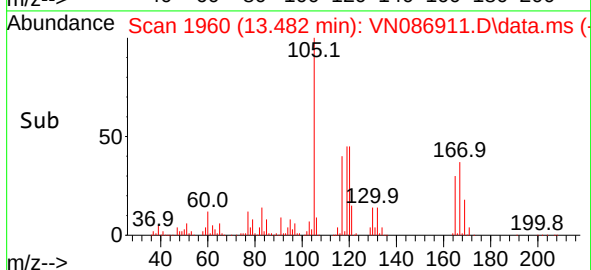
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

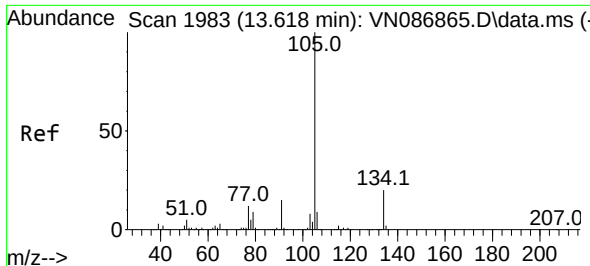


#84
1,2,4-Trimethylbenzene
Concen: 50.201 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion:105 Resp: 520317
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





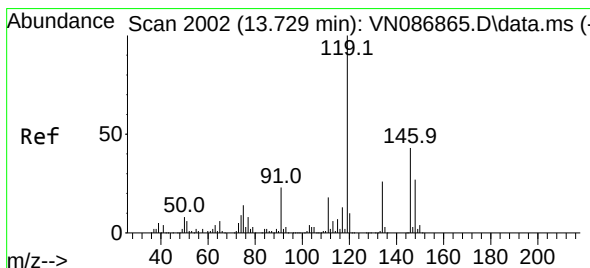
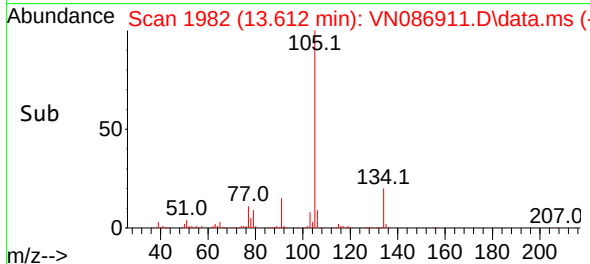
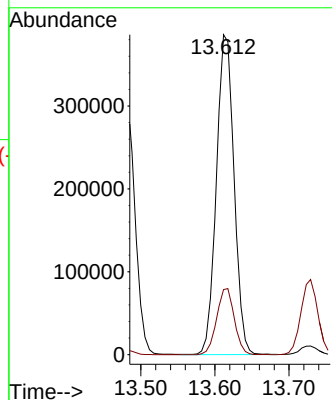
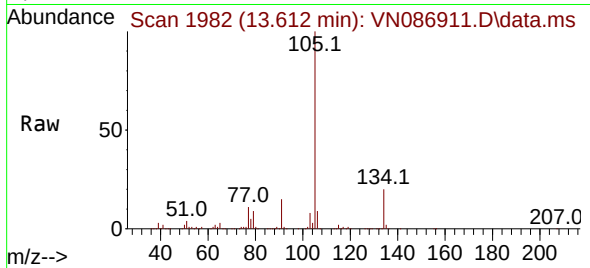
#85
 sec-Butylbenzene
 Concen: 46.581 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 64001
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0

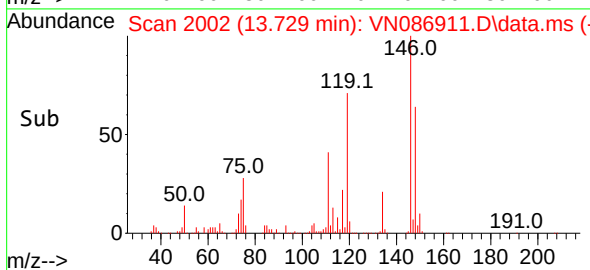
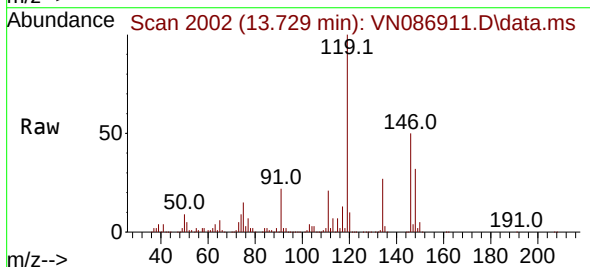
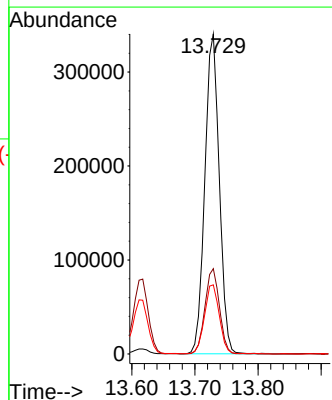
Manual Integrations
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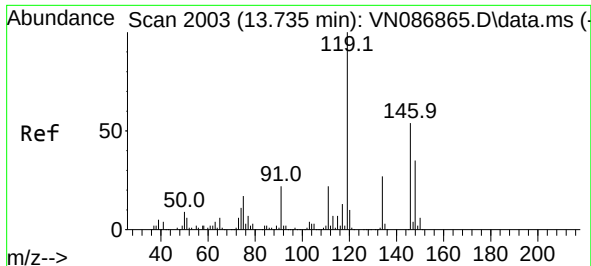
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#86
 p-Isopropyltoluene
 Concen: 47.459 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

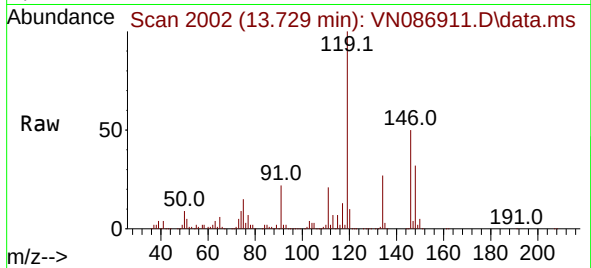
Tgt Ion:119 Resp: 539030
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.0 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 51.035 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

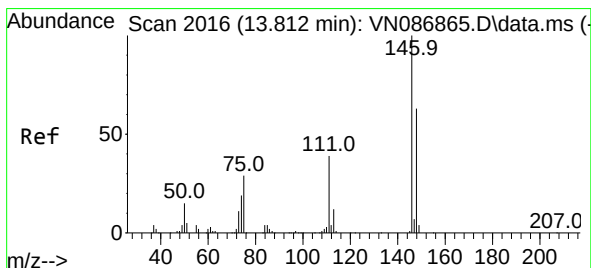
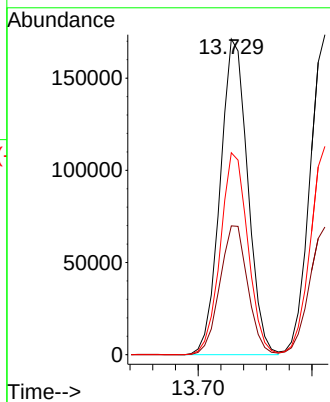
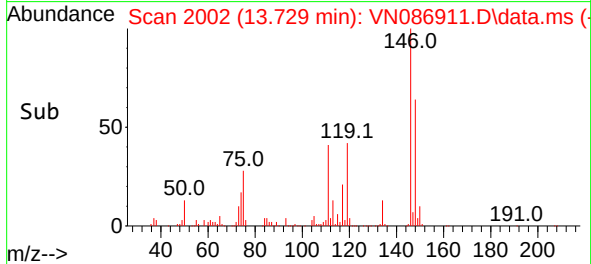
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



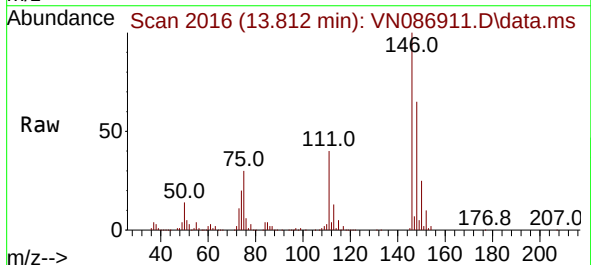
Tgt Ion:146 Resp: 28828
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.9 32.0 96.2

Manual Integrations
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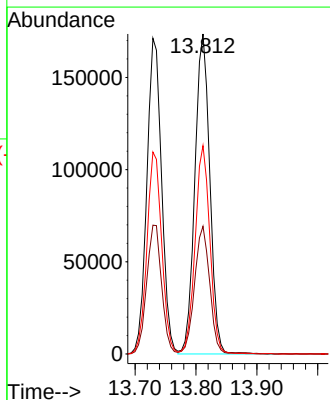
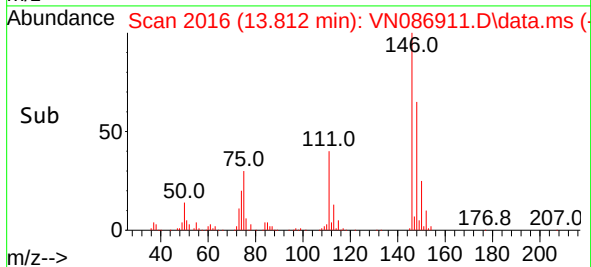
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025

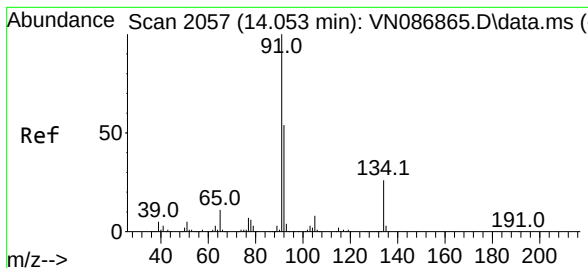


#88
 1,4-Dichlorobenzene
 Concen: 51.354 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17



Tgt Ion:146 Resp: 295752
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 43.927 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

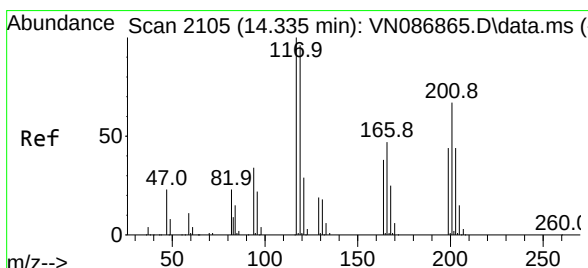
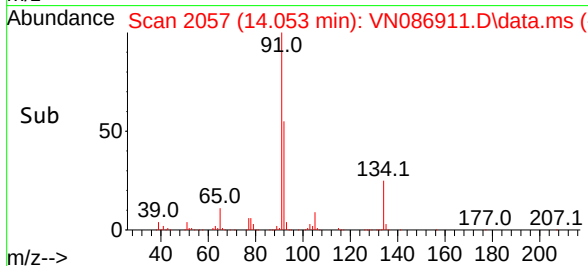
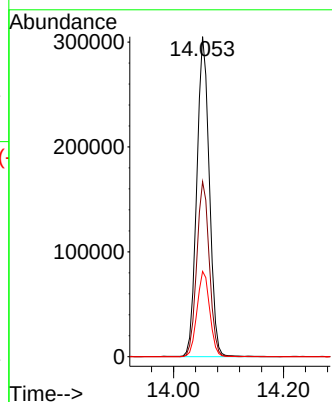
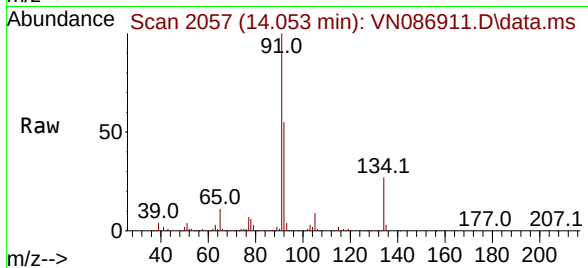
Tgt Ion:	91	Resp:	48325
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.5	82.4
134	26.9	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#90

Hexachloroethane

Concen: 48.549 ug/l

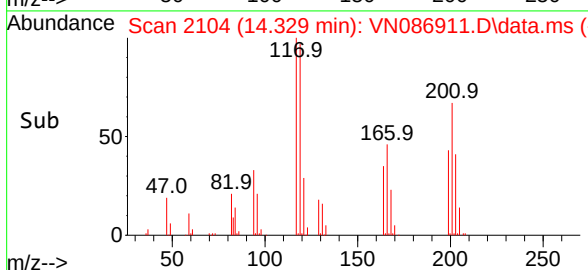
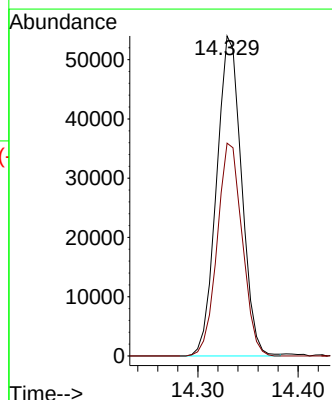
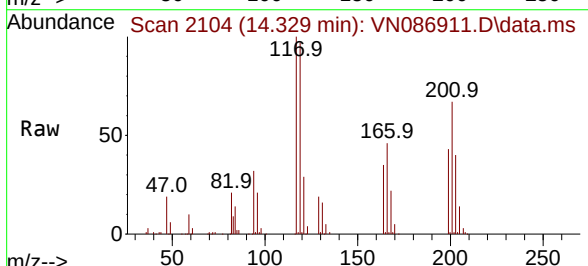
RT: 14.329 min Scan# 2104

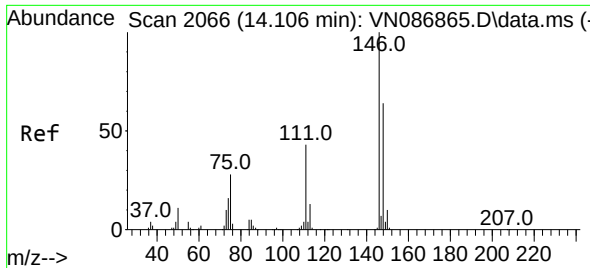
Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

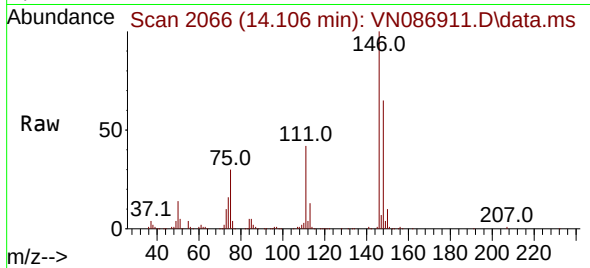
Tgt Ion:	117	Resp:	93467
Ion Ratio	Lower	Upper	
117	100		
201	66.6	33.2	99.6





#91
1,2-Dichlorobenzene
Concen: 51.939 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

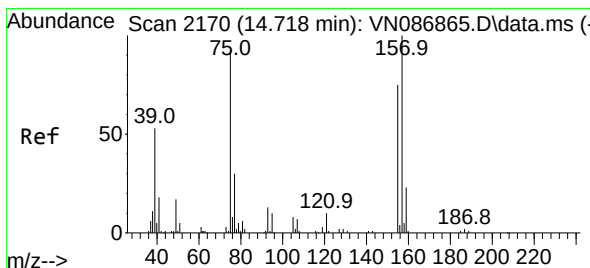
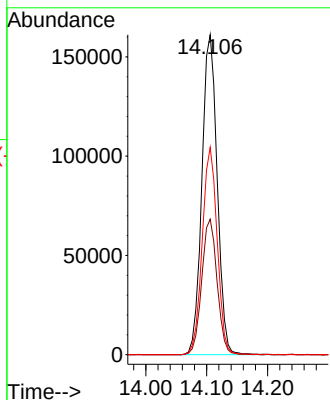
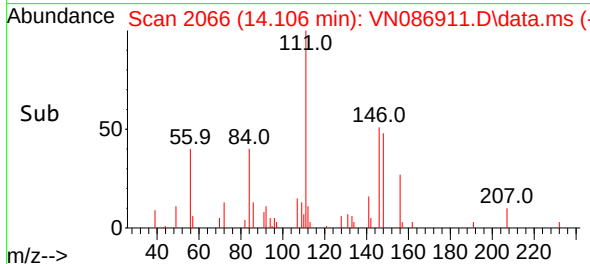
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



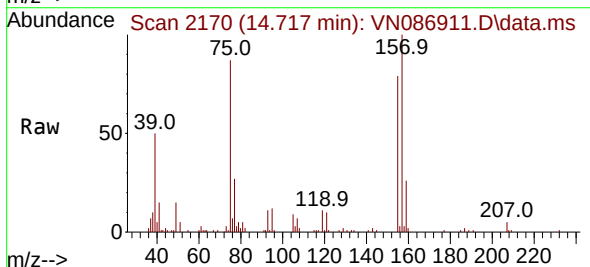
Tgt Ion:146 Resp: 281872
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.6
148 63.4 31.7 95.1

Manual Integrations
APPROVED

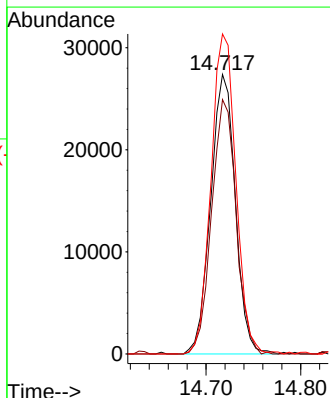
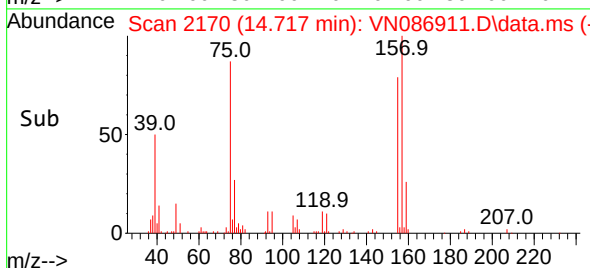
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

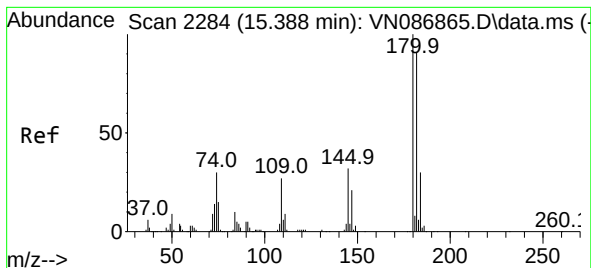


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.871 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17



Tgt Ion: 75 Resp: 49570
Ion Ratio Lower Upper
75 100
155 90.1 41.1 123.4
157 115.3 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 45.826 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 158810

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.7

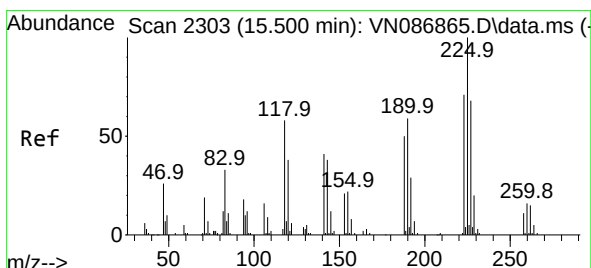
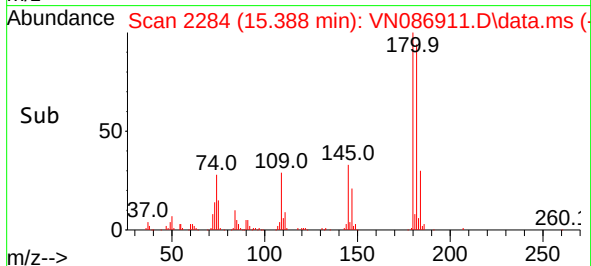
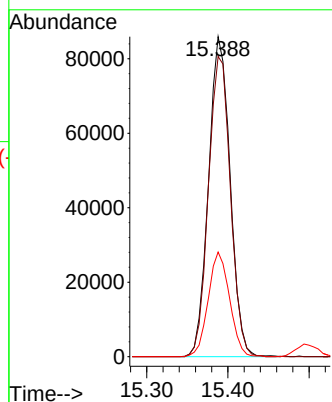
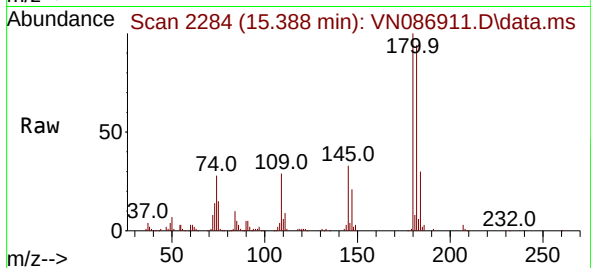
145 32.3 16.0 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#94

Hexachlorobutadiene

Concen: 39.949 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

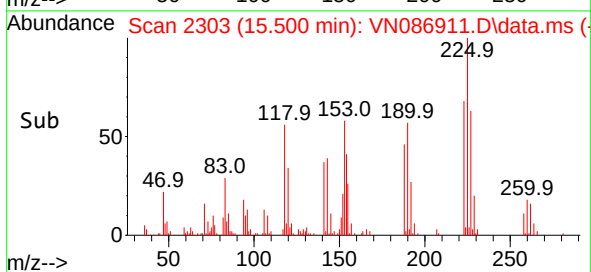
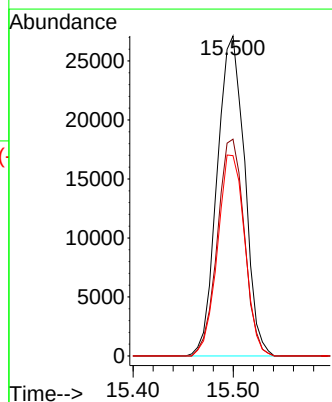
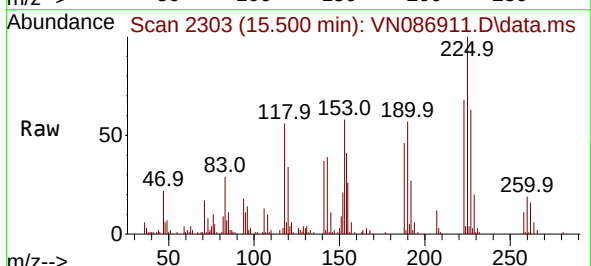
Tgt Ion:225 Resp: 51579

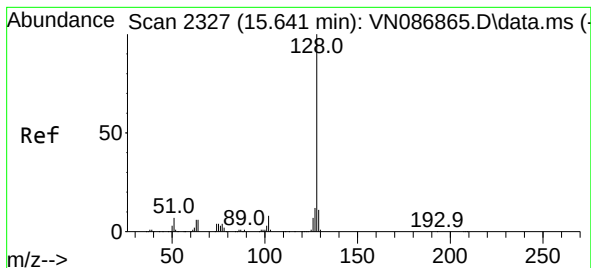
Ion Ratio Lower Upper

225 100

223 66.3 33.5 100.4

227 62.2 31.1 93.5





#95

Naphthalene

Concen: 53.593 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

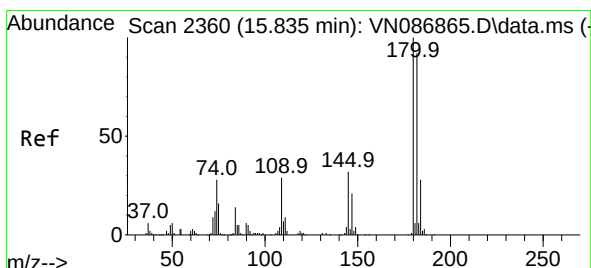
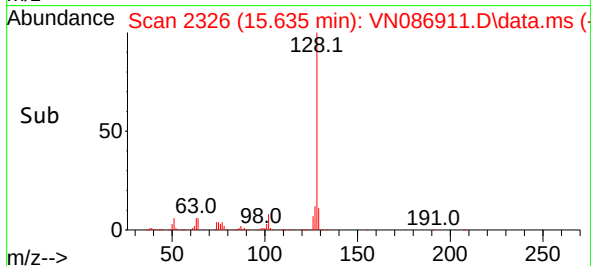
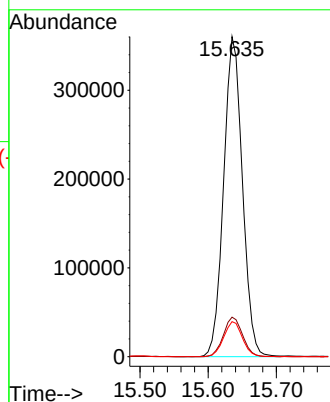
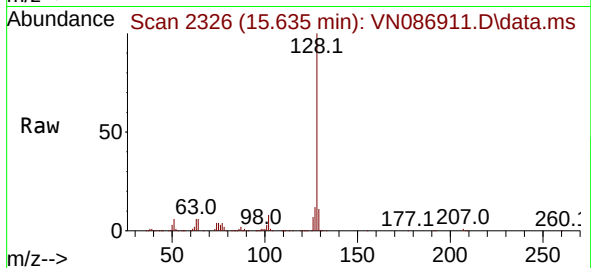
Tgt Ion:128	Resp: 69130
Ion Ratio	Lower Upper
128 100	
127 12.6	10.2 15.2
129 10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#96

1,2,3-Trichlorobenzene

Concen: 44.434 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Tgt Ion:180	Resp: 152993
Ion Ratio	Lower Upper
180 100	
182 95.1	47.0 141.0
145 33.9	16.6 49.8

